



EDUCATION

RS are here inspiring & supporting the future generation of engineers around the world. Unrivalled product choice, exciting innovations and powerful online tools.

 au.rs-online.com/education

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Terms & Conditions

To view our latest prices, charges and full terms see RS Conditions of Sale as set out online at au.rs-online.com.

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Solutions for the Education industry.

RS Components offers a large number of resources for students and educators in the STEM sector, including the latest innovative products & technologies, convenient purchasing options and learning tools to support your classes and curriculum.

RS are here to help you keep up with the pace of developments and face the future of the industry.

And we know you have better things to do than worry about your order being safe and compliant. No matter where you are, we ensure your products get delivered as efficiently and carefully as possible.

Leave the how to us.

Common Industry Requirements

We believe that across the education sector there are some common challenges and requirements that RS can help support and address:

- Broad Product Range & Solutions**
You need a wide range of product solutions & delivered fast.
Solution: RS Components stock over 600,000 products from 2,500 suppliers with 60,000 product stocked locally for next day delivery.* You will find everything you need from site maintenance to laboratory equipment.
- Purchasing Efficiency**
You need easy purchasing systems & access to product information.
Solution: Our procurement solutions provide a best in class eCommerce experience. Get 24/7 access to our technical data at a product level on our website.
- Innovation**
You need new ideas & inspiration.
Solution: We provide access to the latest technologies. Our team can help your find innovative product solutions for your evolving needs.
- Employability of Students**
You need ways to support the engineers of the future.
Solution: DesignSpark is a great place for students to build their technical portfolio. Join a huge community of students & academics, with possibilities of connecting with prospective employers. Project ideas & technical content plus free specialist software. All the tools are free to download, activate & use.



Committed to you.

We understand the important role our solutions and products play in helping you achieve your goals, that's why your dedicated account manager is here to support throughout your journey with RS.

Brands you know and trust.

RS Components is your one stop distributor for electrical, industrial, automation & control gear, electronics, test & measurement, safety and more - with over 600,000 products from more than 2,500 leading global suppliers including RS PRO, Fluke, TE Connectivity, Phoenix Contact, Schneider, Siemens, ABB, Omron, Harting and more.

Best in class eCommerce experience

For a more efficient process for your industrial and electronics product procurement, we have a service to fit your business requirements. From web-based and mobile ordering through to integrated procurement solutions. Ask us about our **Purchasing Manager, PunchOut, eInvoicing & eOrdering** solutions today.

Fast, flexible delivery options.

From same day to next working day to call off and consolidated delivery, we've a range of flexible delivery options to suit you. Free delivery available.*

Our knowledge is your power.

When you need specialist advice, think of our technical experts as part of your team. They're poised with extensive knowledge of our products and specifications to help you make the best choice.

We offer easy access to product support resources online or by phone. Speak to a live chat member on our website for help in finding products or other technical information. Or take a look at our technical data sheets which are available at product level. This can help save time, allowing you access to technical information 24/7.

DesignSpark

RS offers FREE access to its DesignSpark suite of specialist software design tools and community. This now includes 3D mechanical design, Electrical design and PCB design. All the tools are free to download, activate and use. Sign up now at www.designspark.com

DESIGNSPARK

Our Product Range

Over 600K products, more than 2,500 brands.

We offer a broad and extensive product range to support our industrial and electronics customers with 600,000+ stocked products, from over 2,500 suppliers – including our own brand, RS PRO.

Electronics Components, Power & Connectors

BATTERIES & CHARGERS
CONNECTORS
DISPLAYS & OPTOELECTRONICS
PASSIVE COMPONENTS
PCB PROTOTYPING
POWER SUPPLIES & TRANSFORMERS
RASPBERRY PI, ARDUINO & DEVELOPMENT TOOLS
SEMICONDUCTORS

Mechanical Products & Tools

ACCESS, STORAGE & MATERIAL HANDLING
ADHESIVES, SEALANTS & TAPES
ENGINEERING MATERIALS & INDUSTRIAL
HARDWARE
FASTENERS & FIXINGS
HAND TOOLS
PLUMBING & PIPELINE
PNEUMATICS, HYDRAULICS & POWER
TRANSMISSION
POWER TOOLS, SOLDERING & WELDING

Electrical, Automation & Cables

AUTOMATION & CONTROL GEAR
CABLES & WIRES
ENCLOSURES, STORAGE & MATERIAL HANDLING
FUSES, SOCKETS & CIRCUIT BREAKERS
HVAC, FANS & THERMAL MANAGEMENT
LIGHTING
RELAYS
ROBOTS & ROBOT PARTS
SWITCHES

IT, Test & Safety Equipment

COMPUTING & PERIPHERALS
FACILITIES CLEANING & MAINTENANCE
OFFICE SUPPLIES
PERSONAL PROTECTIVE EQUIPMENT & WORKWEAR
SECURITY & IRONMONGERY
SITE SAFETY
TEST & MEASUREMENT



DESIGNSPARK

Free, easy to learn and use professional CAD software

www.designspark.com

Our award winning software is absolutely free to download and use, and always will be. Whether you are a professional engineer, hobbyist or a maker, our range of CAD tools are the perfect addition to your design arsenal. Backed up by a huge library of CAD models, the interactive BOM interface saves you time and money when designing and costing your project.

For a quick overview and to find out more about DesignSpark, visit whatisdesignspark.com



DesignSpark Mechanical is the first free and fully-functional 3D design package to feature intuitive Direct Modelling techniques and give you access to 100 million existing 3D models. Easy-to-use and easy-to-learn, our unique 3D modelling software shortens the time between having an amazing idea and creating prototype designs.



Take electronics design to a whole new level and join over 250,000 registered DesignSpark PCB users benefitting from powerful features for schematic capture and PCB layout. Professional, accessible and fully-featured, our free and unrestricted PCB design software helps you rapidly prototype so you can make your world-changing ideas a reality.



DesignSpark Electrical provides a powerful and comprehensive range of professional CAD capabilities, allowing you to complete designs in a fraction of the time and building accuracy and precision into your end-to-end design process.



NEW
now available for android

There's a great set of useful 'tools' in the Toolbox App. Including the ability to scan RS Barcodes and order directly from within the App, electronic design calculators, lookup tables and get regular news updates and more. So try the Toolbox App now for iOS, Android and Windows desktop devices.



Plus more resources for Grass Roots Education

Discover a collection of materials to help students and professionals alike.

Inspiring, nurturing and empowering the next generations of socially and environmentally responsible engineers.

- **Student Innovation**
Discover the latest student projects and articles
- **Learning and skills**
Develop Tech and Super Skills
- **Opportunities**
Get involved with the Grass Roots Community
- **Your global student engineering community**
Discover student engineering groups around the world and put your team on the map

brought to you by





engineers without borders australia

Our ESG aspiration at RS Components is to make amazing happen by inspiring a more sustainable world through education and innovative solutions that improve lives

RS Components (RS) are proud to announce their partnership with Engineers Without Borders (EWB), and their School Outreach program designed to inspire students from diverse backgrounds to create a better world through engineering.

The EWB and RS partnership aims to not only inspire STEM, but strengthen relationships with First Nations communities, as well as contribute to initiatives that increase cultural understanding, the access of First Nations Australians to appropriate technology, and strengthen their career opportunities within the engineering sector.

EWB began in Melbourne in 2003 with a small group of engineers dedicated to harnessing the potential of engineering to create an equitable reality for the planet and its people. Today, the EWB community includes thousands of people and dozens of

organisations working together to engineer a better world.

Over the past year, the EWB Outreach program organised 193 university undergraduate volunteers from the likes of RMIT, Sydney University and Monash to facilitate 266 workshops, inspiring more than 6000 students at 88 schools across the six states and territories in STEM and engineering.

Our Commitment

RS Components, as part of parent company Electrocomponents plc, has a strong company commitment to ESG globally. Their recent partnership with the Washing Machine Project is supported locally through the ANZ region and this new agreement with EWB aims to build on this charitable commitment within the Australian community. As well as a financial commitment to continue these remarkable programs EWB run, through the RS paid volunteer leave program, the company aims to actively involve their wider team in these community and life changing 'regioneering' trips.



“

We are incredibly excited about the partnership with EWB as it will allow us to make an impact with the engineers of tomorrow whilst also increasing our engagement with the Aboriginal & Torres Strait Islander community. The EWB partnership is a significant step in our commitment as a business to create long standing ties with this community.

- Scott Phillbrook,
Managing Director of RS Components ANZ

”

Find out more >

au.rs-online.com/ewb





RS Components proud supporters of the RMIT Electric racing team in the legendary Formula SAE competition.

Originally started by the Society of Automotive Engineers student branch at the University of Texas, Austin, in 1980, the Formula SAE competition now sees over 500 teams from universities worldwide, design, build and compete in their own Formula-style open-wheeled race car. The vehicles are judged on dynamics, design justifications, costing strategies and business presentation and apply rigorous STEM concepts to the build and design process.

Today the team counts over 50 passionate students across a dozen faculties who demonstrate innovative thinking, initiative and commitment to the real-life commercial project. And it's little wonder the Formula SAE graduates are often headhunted for their unique combination of technical skills, strong communication abilities and project management skills.

Reinforcing our drive to support future engineers, RS are proud sponsors of the RMIT Electric Racing Team and are continually supporting their engineering efforts.

“It is thanks to our sponsors like RS Components’ investment and support that we are able to advance the research and development of the team, develop cutting-edge vehicles, and produce high-quality graduates from year to year. Our partnership with RS demonstrates their active participation in the community and engagement with the next generation workforce allowing students to develop skills they may otherwise not learn at a university level.”

We are proud to support the next generation of innovators with the quality products RS Components has to offer. The team and I at RS wish these bright minds the best of luck in this year’s race.



“Our mission is to promote the viability and exciting future of electric cars through not only showing we can compete with combustion powered cars, but by besting them.”

- RMIT Electric Racing

”

Find out more >

au.rs-online.com/rmit



More Products, More Value

Our RS PRO range keeps growing to bring you even more choice in great value, quality products, available next day.



QUALITY
We rigorously test every part against demanding industry standards.



VALUE
We price our products competitively.



CHOICE
We continuously expand our range.



AUDITED
In compliance with industry standards

INSPECTED
By leading engineers

The RS PRO Seal of Approval
a Sure Sign of Quality



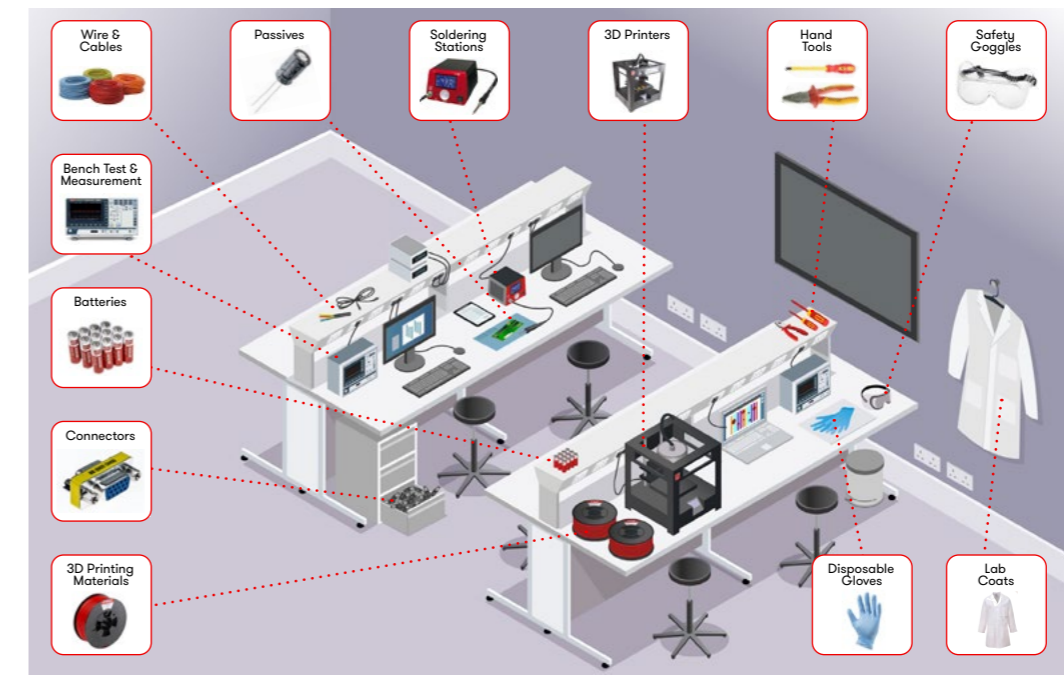
TESTED
For guaranteed quality and performance

RS PRO is the own brand of RS Components and offers the Education Sector a wide range of proven quality, great value products that can be trusted.

Only when products have been through this process are they awarded our seal of approval, quality that can be trusted.

Confidence in this process is reflected in our enhanced product warranties, proof that our products will consistently deliver the performance you expect for a long time to come.

The range you need in the education sector

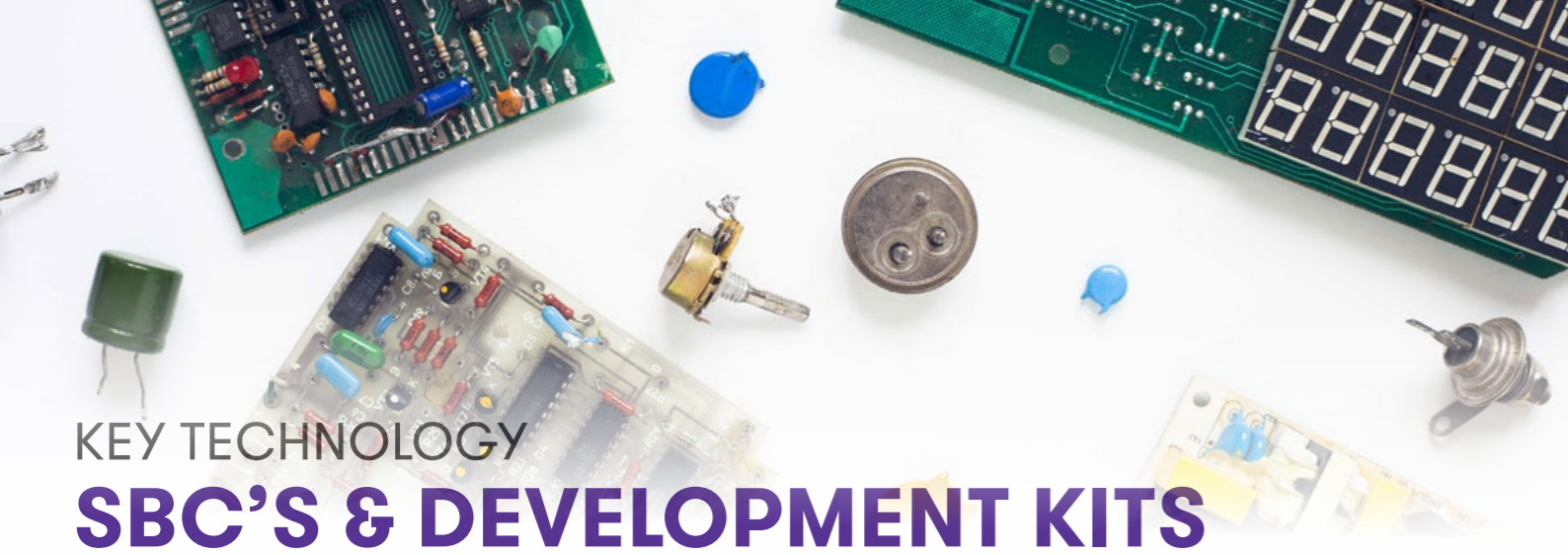


LABORATORY

BUILDING, FACILITIES & MAINTENANCE



Visit rspro.com to discover the complete range.



KEY TECHNOLOGY SBC'S & DEVELOPMENT KITS

Huge range of development boards, from affordable microcontroller boards & entry-level development kits to more hands-on sensor & robotic technology. We partner with some of the best & exciting brands to bring you the latest innovative technology for your project.



Arduino Starter Kit with UNO board

- Primarily an educational tool for newcomers to Arduino and electronics, the starter kits are also suitable for the experienced designer.
- The Arduino Starter Kits use the Arduino Uno as a main board, with the board featuring an AVR ATmega 328 microcontroller



761-7355

K000007 201-7819

Coral Google 1gb Development Board

- The Google Coral development board is a single-board computer that's ideal for fast machine learning (ML) inferencing in a small form factor
- It provides a fully-integrated system, including NXP's iMX 8M system-on-chip (SoC), eMMC memory, LPDDR4 RAM, Wi-Fi, and Bluetooth



G950-04742-01 222-9372

micro:bit drone

- The MakeKits Air:bit is a Quad-Copter making project
- This board can be coded with java script, python, make code blocks or even a readymade program. The drone can be made to fly using a motion sensor on smartphone, a tablet or even a new micro:bit



AIR-BIT 1.0 SINGLE

BeagleBone Black Rev C SBC

- The BeagleBone Black from beagleboard.org is a development board based on the AM335x Arm Cortex-A8 processor
- This BeagleBone board is a single board computer (SBC) which can be used as a stand-alone computer or it can be embedded into a system



125-2411

BEAGLEBONE BLACK 912-5363

Microchip LoRa Mote RN2483 LoRa Development Board

- The Microchip RN2483 LoRa@ Mote is a LoRaWAN™ Class A end-device based on the RN2483 LoRa@ modem module
- The LoRa@Mote is battery powered, providing a portable tool to demonstrate the excellent long-range capabilities of the RN2483. The interoperability with LoRaWANv1.0 compliant gateways and infrastructure can also be verified



DM164138

DuckieTown Invention Kit Duckiebot Founder Edition

- The DuckieTown founder's edition is a do-it-yourself hardware for assembling a model self-driving car
- It is available in 4 variants, defined by the presence of the computational unit and battery. It is designed to operate in a DuckieTown urban environment



214-2942

DUCKIEBOT MOOC FOUNDER'S EDITION KIT

Intel Neural Compute Stick 2 (NCS2) Development Kit

- The Neural Compute Stick 2 (NCS2) is a USB stick which offers you access to neural network functionality, without the need for large, expensive hardware. It enables you to incorporate computer vision and artificial intelligence (AI) to your IoT and edge devices



181-1851

NCSM2485.DK 134-0414

MeArm Maker Kit Robot Arm, Intermediate

- The Just MeArm Kit from Mime Industries is a desktop robot arm which you can build with a screwdriver and then control with your choice of controller board. You can control the MeArm using the an Arduino board, Beaglebone, Raspberry Pi and many others



MEARM MAKER KIT 111-3738

Tinkerkit Braccio Arduino Robotic Arm

- The TinkerKit Braccio is a fully operational robotic arm, controlled using an Arduino Board. Designed for desktop use and is supplied in kit form so you can assemble it to your own requirements.



T050000

OKdo Raspberry Pi 4 4GB Model B Starter Kit

- This exclusive 8-piece Raspberry Pi 4 starter kit from OKdo includes everything you need (it really does) to get going in the world of Raspberry Pi- from all the hardware in a single box, to access to an online step-by-step guide as well as projects to get up and running faster than ever, effortlessly
- Each kit contains the best performing Raspberry Pi 4 Model B board along with a power supply, 2 X micro HDMI cables for dual display, SD Card Reader and a 32GB micro SD card with NOOBS operating system preloaded. As well as 3 x heat sinks and a unique aluminium case with inbuilt fan for better thermal management to address a known issue with the Pi 4
- With all of the most current components on the market included in this Raspberry Pi 4 kit, it's perfect for anyone interested in electronics at any level of experience

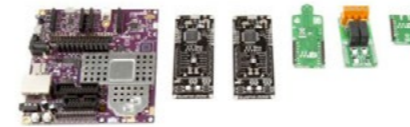


202-0644

PI-4GB-STARTERKIT

Imagination Technologies Creator Ci40 IoT SBC Development Kit

- The Creator Ci40 board from Imagination Technologies is a high-performance, low-power microcomputer optimised for IoT applications
- The Creator Ci40 is compatible with a wide range of GNU/Linux OS distributions, including OpenWrt, Debian and Brillo - the IoT-optimised operating system from Google



125-3307

VL-62899 192-7589

Arduino, Nano 33 IOT Module with headers

- This small, robust and powerful board has WiFi and Bluetooth connectivity that combined with its low power architecture makes it a practical and cost effective solution for your connected projects



ABX00032 204-8229

Kitronik ARCADE for MakeCode Arcade

- The MakeCode Arcade editor has been designed to allow everyone, from beginners to experienced game enthusiasts, to create retro arcade games to run in the browser or on handheld consoles
- It consists of drag and drop blocks that snap together to form programs



5311





KEY TECHNOLOGY TEST & MEASUREMENT

We have a wide range of Test & Measurement products including multimeters, oscilloscopes, signal generators, thermal imagers and all the leads, probes and connectors required for your lab.



IR Thermometer & Socket

- Pocket-sized, easy-to-use pistol grip infrared thermometer (sometimes called laser thermometers or non-contact thermometers)
- It enables surface temperature measurement by Infrared non-contact or by using a plug-in type-K thermocouple probe.



123-2217 -35 °C to +500 °C

Non-Contact Tachometer

- This RS PRO non-contact tachometer has been designed with a durable and robust housing for use in challenging environments while offering an intuitive and easy to use interface for optimum ease of use



193-8687 ±0.05 % - Non Contact

RS PRO Compact Multimeter Autoranging

- The RS PRO RS14 digital multimeter (DMM) is a handheld tool which can measure capacitance, voltage, electrical current and resistance with diode and continuity check
- The multimeter is also CAT III rated for 600V



123-1938 2000 count LCD display

RS PRO Bench Power Supply

- The RS PRO RS3005D digital control DC power supply is a user-friendly, compact & lightweight designed power supply unit with a simple to read 4 digit display of the voltage and current values and features an output voltage range of 0-30V and an output current range of 0-5A



175-7368 150W

RS PRO Handheld Capacitance Meter

- RS Pro DM-9023 LCR meter is a great value handheld capacitance meter which features an 18 mm high 2000-count LCD display.
- Ability to check tolerance, sort values, select precision values, unmarked capacitors measurement and switch or PCB layout capacitance



123-8770 20mF

RS PRO IVP-1 Non Contact Voltage Detector

- The IVP-1 Volt Stick is a pen style non-contact voltage detector from our high quality RS PRO brand
- Able to safely check the presence of an AC voltage within cables, wall sockets and fuses junction boxes, conveniently no current flow is needed for operation



123-3247 100V ac to 1000V ac



Mitutoyo 293-831-30 External Micrometer

- Resolution of 0.001mm
- Accuracy of ±2µm
- Battery operated



833-6445 0 mm →25 mm

8 Channel Thermocouple Temp Data Logger

- High resolution and accuracy
- Expandable up to 20 units/160 channels
- Supports all the popular thermocouple types



293-831-30 492-5105 B, E, J, K, N, R, S, T

TEST & MEASUREMENT

FLIR ONE PRO for Android USB-C

- Pixel size 12µm (con), 8-14µm spectral range
- Higher Resolution Thermal Sensor
- Advanced Diagnostics
- One-Touch Reporting



TC-08 136-8285 -20 → +400 °C

435-0007-03

Fluke 117 Digital Multimeter

- The Fluke 117 compact True RMS multimeter is popular for use in demanding settings such as commercial buildings, hospitals and schools. It includes integrated non-contact voltage detection to help get the job done faster



616-1460 CAT III 600 V

FC WIRELESS K-TYPE TEMPERATURE MODULE

- Spot temperature differences between three phases in 1/3 the time of previous methods
- Send data to your laptop and go from logging to analysis and diagnosis



FLUKE 117 EUR 811-1350 +1372°C

FLK-T3000 FC

Fluke T5 Multifunction Tester

- Automatically measures volts ac and volts dc with precise digital resolution
- Displays resistance to 1000 Ω
- Easy and accurate Open Jaw current measurement



292-1230 CAT III, CAT IV

PC Based Oscilloscope Starter Kit

- The Red Pitaya STEMLab 125-14 PC based 40MHz oscilloscope starter kit consists of various Red Pitaya hardware
- It has 2 analogue channels and 14bit input/output channels for highly accurate measurement results in a professional environment



FLUKE T5-1000 127-1086 40MHz, 2 Channels

Insulated Crocodile Clip, 2mm Socket

- Rated voltage 30 VAC/ 60 VDC
- Rated Current 8A
- CAT I
- 4mm maximum clamp diameter
- 2mm spring loaded socket



28 787-2405 MA 1 CAT I Miniature

930317802





RS Calibration Solutions

Services to help you with accuracy & assurance

Have total confidence in your measurements with a calibration service you can count on.



Re-calibration service - You can request recalibration of your own products



ISO9001:2015 Standard or NATA-accredited laboratory



Confidence that your instruments are operating correctly and within the manufacturer's specifications.



Fast turnaround and delivery



You can buy new, calibrated ready to use equipment

au.rs-online.com/calibration

Find out more



RS PRO Force Gauge

- Range of 20 kg
- Dimensions of 215 mm (L) x 90 mm (W) x 45 mm (D)
- 1.5 V battery type
- Operating temperature range of 0°C to +50°C



111-3690 USB, Range: 196N

LDPE Wash Bottle

- Lightweight and durable LDPE (low-density polyethylene) design
- Unique 2-way valve that allows vapour from pressure build-up to escape without letting air into the liquid
- An accurate and continuous stream



838-6383 500ml

Brannan Immersion Glass Thermometer

- The new laboratory thermometer uses LO-tox™, an organic filling specifically chosen to achieve a wide temperature span and provide the lowest practical levels of hazard



798-9115 +50 °C max

44/800/8

RS PRO Ohmmeter

- 3 -1/2 digits, LCD display with maximum reading of 1999 with decimal point and measurement unit
- Accuracy ± (0.3% of reading + 1 digit)
- Open-terminal voltage 1.0 V maximum
- Overload indication 'OL'



124-0940 0.1 mΩ to 20 kΩ

Magnifying Lamp with Integral Base

- Flexible neck moves easily into position
- Handy glass magnifier 115mm/4.5" (1.75 x mag)
- 3 dioptre



146-5496 3dioptre

RS PRO PMP Measuring Cylinder

- PMP confers hardness, solidity, low density, transparency and chemical resistance
- Calibrated to ISO 6706 and DIN 12681, class A tolerances
- Steam sterilisation at 121°C does not affect accuracy



891-9987 10ml

Electronic Caliper 150mm

- Clear LCD display
- Stainless Steel construction
- Origin setting
- Switchable On/Off



841-2518 0.0005 in, 0.01 mm

Digital Caliper 150mm

- Step-measurement capable
- Battery life of approximately 3.5 years has been achieved under normal use through the adoption of Mitutoyo's absolute scale
- The slider configuration features an ergonomic, thumb-friendly shape



833-6449

Kern Weighing Scale

- Stainless Steel hook
- AUTO-OFF function
- Strain gauge

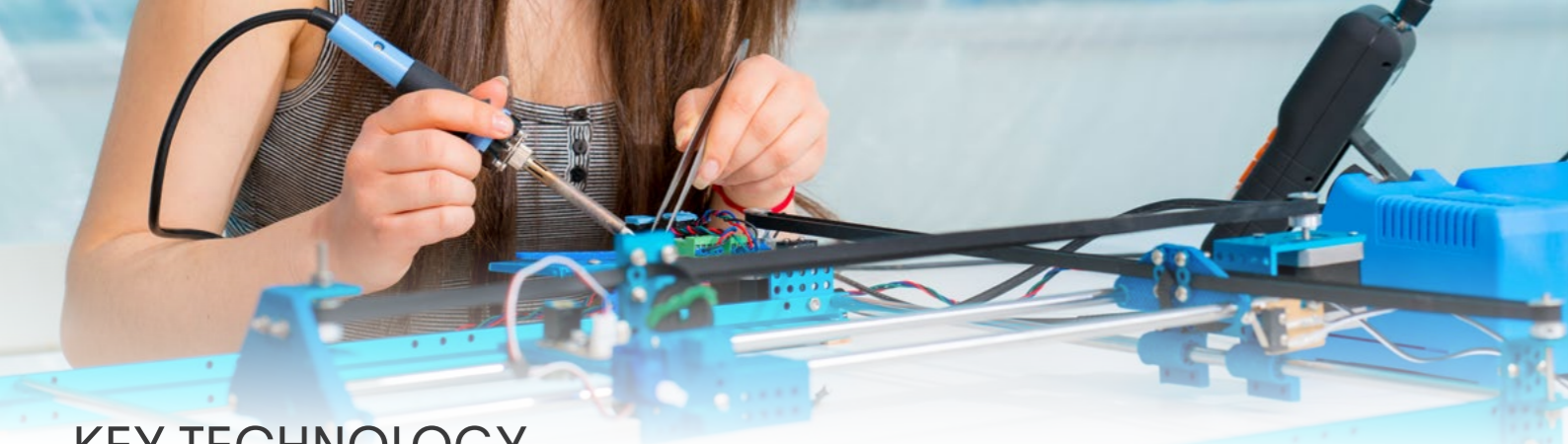


500-181-30 789-8898 10Kg

HDB 10K10N



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KEY TECHNOLOGY WORKBENCH ESSENTIALS

We have all the tools you need to build a better tomorrow. Get your next project started with these top sellers!



Hakko FX-888D Soldering Station

- ESD safe
- Small footprint
- Simple and easy operation
- Ceramic heating element
- Ironholder with full of functions
- Digital display



780-4852 70W, 230V

Wera 9 pieces Hex Key Set

- Metric high torque key set
- Transfers up to 20% more torque
- Two component clip for storage



FX-888D 638-8312 L Shape 1.5mm 22720

RS PRO Bench Grinder Stand

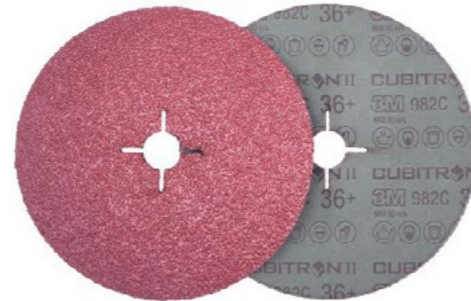
- Economical way to grind drills
- Capacity 1/8 - 3/4 in. drill bits
- Can be used with any bench grinder 6 in. or over



389-0777 1/8 to 3/4 Inch

3M Cubitron™ II Ceramic Sanding Disc

- 3M Precision Shaped Grain technology cuts exceptionally fast with less pressure, outperforming all conventional ceramic industrial abrasive discs
- Lasts up to twice as long as conventional discs



910-7908 125mm 3M 982C DIAM 125, 36+

Makita BDA Keyless 18V Cordless Drill Driver

- Li-ion LXT battery system
- Rotation, hammering and combined modes of operation
- Keyless chuck operation
- High comfort grips



812-9922 18V DDA351Z



5 way Control Cabinet Key

- Four position arm tool, offering five differing drive possibilities
- This universal cross key is made of alloy with excellent workmanship and durability
- Key holes with square, triangle and circle shapes suitable for many especially radiators and electric control cabinet



439-3025 Zinc Alloy

Knipex 135 mm Wire Stripper

- Innovative, ergonomic pistol grip design for easy cutting, stripping and longitudinal cut of the sheath
- Conical, slimmed down tool ends for better access in confined areas



124-5812 0.2mm to 4mm

16 95 01 SB 864-0772 ESD safe

RS PRO 114 mm Electronic Cutters

- ESD safe - black coated handle prevents electrostatic discharge
- Suitable for SMD and leads.
- Facilitates optimum access



RS PRO 140 mm Stainless Steel Fine Tweezers

- 140 mm in length
- Stainless Steel
- Fine point tip
- Anti-Acid
- Anti-Magnetic



136-9851 Stainless Steel

Stanley 200 mm Engineer Square M3 Plain Nylon Tap Washer

- Lightweight
- Impact resistant handle with 45° handle for mitres
- Marked in metric on both sides of the blade
- Polished steel blade



665-8289 200 mm

2-46-500 525-739 0.8mm



RS PRO Bench Grinder Stand

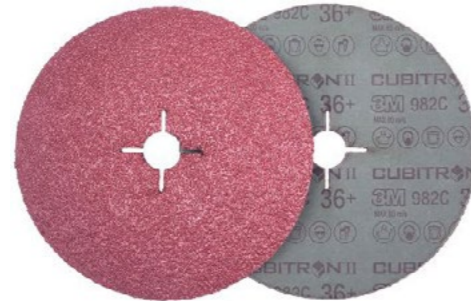
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Makita BDA Keyless 18V Cordless Drill Driver

- Li-ion LXT battery system
- Rotation, hammering and combined modes of operation
- Keyless chuck operation
- High comfort grips



812-9922 18V DDA351Z

Bahco S-460 46 Piece Socket Set

- Socket set in with dynamic drive profile
- Matt chrome-plated finish
- Material - chrome vanadium
- Plastic case - oil and temperature resistant



358-1265 1/4 in Square Drive

3m Measuring Tape

- Metric and imperial tape measure
- Positive blade lock for accurate measuring
- Belt clip for convenience
- Cushion grip for both comfort and non-slip



S-460 848-7604 3m

Stanley Tylon 5m Tape Measure,

- Compact, bi-material Tylon case for comfort and ease of use
- Metric and Imperial scales for easy, flexible measuring
- Positive blade lock holds the blade in place securely



776-9784 5m 1-30-696



KEY TECHNOLOGY

ESD CONTROL, CLEANROOM & PCB PROTOTYPING

We stock a wide selection of PCB types for a range of different electronic work, including all stages of planning, testing and delivery. We also have a broad range of ESD protection which is a vital consideration when working with sensitive electronic components and assemblies.



ELECTROLUBE
THE SOLUTIONS PEOPLE

Weller
Xcelite

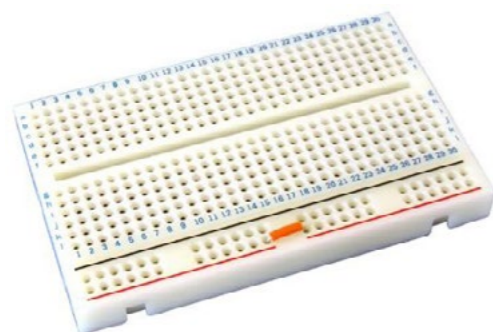
MIKRO

サンハヤト株式会社



SAD-101 Solderless Breadboard

- A small breadboard convenient for assembly and storage of small circuits.
- The separated red power line is already connected with a jump wire (can be divided)



サンハヤト株式会社

189-2277 83 x 52 x 9mm

MIKROE-513 10 piece Breadboard Jumper Wire Kit

- Prototyping is made super easy with this range of jumper wires from MicroElektronika. This pack contains 10 jumper wires in an assortment of colours. Jumper wires, often just referred to as jumpers, are wires used on breadboards to create electronic circuits



MIKRO

SAD-101 791-6463 15cm long MIKROE-513

RE520-HP Copper Stripboard

- Create a simple printed circuit with the copper strips forming the interconnections
- This stripboard can be cut into a smaller board



206-5841 100 x 160 x 1.5mm

Steel PCB Drill Bit 0.8mm

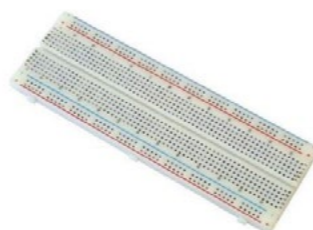
- HSS miniature twist drill bits for use with PCB drills
- Drills have 2.35mm diameter shank
- Produce clean holes in multi-layer PCB boards



RE520-HP 457-651 0.8mm

Kitronik large prototype breadboard

- Components and wires can be placed into the board and the circuit built and tested without soldering
- Multiple boards can be interconnected
- This board has 830 tie points



215-3175 56.5 x 165.5 x 8.5mm 2444



ESD CONTROL, CLEANROOM & PCB PROTOTYPING

RS PRO ESD Wrap

- Non-static generating "bubble wrap" film
- Offers excellent protection to finished goods
- Ideal for the outer packaging of an already shielded product



356-2315 500mm width

Cleanroom Tacky Mat

- LDPE Floor Mat
- Remove contamination on contact
- Peel to expose a clean surface (30 sheets)



829-5281 1.14m x 460mm x 1.65mm

Natural Bristle PCB and Flux Brush

- Natural bristles
- Birch wood handle
- Easy to use for cleaning and dusting small areas



229-9735 11.6mm Diameter

RS PRO ESD Finger Cots

- Anti-Static, ESD Cleanroom safe.
- Made from Latex.
- Powder free.
- Individual finger protection.



266-2868 Size Medium

Bench ESD-Safe Mat

- Manufactured from rubber
- Supplied with 10 mm stud
- Solder Iron resistant



787-3114 1.2m x 600mm x 2mm ESDB010005

Weller Xcelite PCB Holder

- Maximum clamping area 160 x 235 mm
- Parts positioned to allow rotation through 360°, can be snapped into place 15° intervals
- Circuit board support by spring force



260-0911 160 x 235mm

RS PRO 10mm Stud ESD Grounding Wrist Strap & Cord Set

- Premium quality fabric band and cord set
- Fully adjustable wrist strap fits all sizes



T0051502599N 287-7379 1.8m Length





KEY TECHNOLOGY CLASSROOM ESSENTIALS

We have the classroom essentials you need to keep your classroom going. From audio visual products, stationary supplies, furniture and more! You can find everything you need at RS.



Logitech C270 USB 1.1 3MP Webcam

- HD video calling (1280 x 720 pixels) with recommended system
- Video capture: Up to 1280 x 720 pixels
- Logitech Fluid Crystal Technology



125-4274 1280 x 720

Startech 4x USB A Port Hub

- Four USB type-A ports that can be accessed simultaneously
- SuperSpeed USB 3.0 compliant, with data transfer rates up to 5 Gbps



960-001063 898-8419 USB 3.0

RS PRO White PTFE Tape

- Made from PTFE (polytetrafluoroethylene)
- Non-adhesive
- Operating temperature range of -190°C to +230°C



ST4300MINU3B 183-3490 12m x 12mm x 0.075mm



RS PRO Alkaline AA Battery

- Alkaline batteries have a higher amount of energy stored in them, and as the battery is used chemical reactions take place within the battery which generates the power
- These batteries are long life batteries designed to be used once and then discarded



744-2199 AA

RS PRO LR44 Button Battery,

- High capacity
- Wide operational temperature range
- Long storage life
- Long operational life



775-7233 (Pack of 5)

RS PRO Black Nylon Cable Tie

- High quality
- Suitable for a multitude of uses
- Easy to thread
- Black and natural colours available in a range of sizes
- Self-extinguishing to rating UL94V-2
- UL approved nylon 6.6



233-455 100mm x 2.5 mm

Dymo Black on White Label Printer Tape

- Permanent - difficult to remove
- Resists UV exposure
- Water-resistant and most weak solvents



497-432 12 mm Width, 7 m Length

Tesa 51408 Orange Masking Tape RS PRO 12W Plug In Power Supply

- Polyamide is used as backing material
- Temperature resistance is -260°C for 1000 hours or 350°C for 10hours
- Adhesion to steel is 2.8N/cm



S0720530 436-2778 19mm x 33m

- Universal full range AC input
- Interchangeable AC heads
- Level VI Efficiency



51408-00008-00 124-4716 12V dc

RS PRO 10mm Green Cutting Mat

- Size range from A4 to A0
- 3 layer mat over plastic board
- Anti-slide
- Protects and keeps blades sharp
- Metric measuring system



841-7718 L600mm x W450mm

RS PRO Air Duster

- Inert, pure compressed gas for dust removal
- Ideal for removing particulates from inaccessible areas on delicate equipment



168-1644 400ml



KEY TECHNOLOGY

FACILITIES MAINTENANCE & COVID SAFE CLASSROOMS

Ensure a safe return to campus for Students & Staff with our wide range of facilities cleaning & maintenance range.



RS PRO PVC Social Distancing Workplace Safety Sign

- Provides clear and precise instructions regarding social distancing and hygiene measures and restrictions



201-3323 400 x 300mm

How to Wash Your Hands Guidance Safety Poster

- Durable, laminated construction
- Highly visible, can be located anywhere
- Large size – 59 x 42 cm



901-1377 420 mm X 590mm

RS PRO White Contactless Door Opener

- Used to easily reduce the surface contact made with touching buttons, opening doors and more ways that can easily transfer germs and bacteria



201-7025 White

Fantech Automatic Steel Hand Dryer

- Automatic IR sensor
- 360° nozzle rotation
- Dries in 15 seconds (approx.)



181-8938 240mm x 212mm x 270mm

HHD2500RW



RS PRO Medical Non-Contact Infrared Thermometer

- A handheld device that can detect the body temperature by using a non-contact method of measurement.
- This instrument can also measure surface temperature of objects using the Surface Temperature function and the non-invasive and non-contact method of temperature measurement removes the issue of having to rely on using a physical contact on the person or surface to get a reading from it



201-0210 60°C, +60°C

50L Yellow Flip Plastic Waste Bin

- Durable plastic design that's easy to clean and maintain
- Flip lid for easy access
- Lightweight and portable



178-7702 50L

RS PRO Free Standing Protective Screen

- Made from acrylic these sneeze guards are lightweight whilst still being protective, sturdy and clear as glass
- Freestanding meaning that they are portable sneeze guards you can move to suit your environment



201-8165 700mm 600mm

AF Wet Screen Wipes for Computer Screens

- Lint free, tear resistant wipes
- Impregnated with efficient cleaning solvent without added alcohol
- Packed in handy tub



313-4459 Box of 100

100ml Tube Hand Sanitiser

- hand sanitiser is a clear, colourless cosmetic sanitising hand gel which is alcohol based
- It provides an effective 99.99% antibacterial kill rate and evaporates quickly leaving a dry hand feel



PCC100 201-9557 1 Box of 55 3147017

RS PRO Black Dust Pan for Dust

- Manufactured out of a high-quality metal this large hooded dust pan is an excellent choice when you have to collect or retain any dirt or debris



912-7693 279 mm wide

White Microfibre Mop

- High Level Dusting Pack (includes 1x short extension handle FGQ74500YL00, 1x Flexible Dusting Wand FGQ85200WH00 and 2x Wand Duster Performance Microfiber sleeves FGQ85300WH00)



146-2768 755cm

1940380



Creating a more hygienic workplace doesn't stop at the washroom

Placing hand sanitiser and signage in breakrooms and common areas is a step in the right direction. But studies show it simply isn't enough to make a real impact. Targeting "hot spots" with hand and surface hygiene, is a key step toward reducing the spread of germs. Objects that are touched by lots of people throughout the day — such as doorknobs, elevator buttons and copiers — should be cleaned and disinfected daily in order to help break the chain of germ transmission.

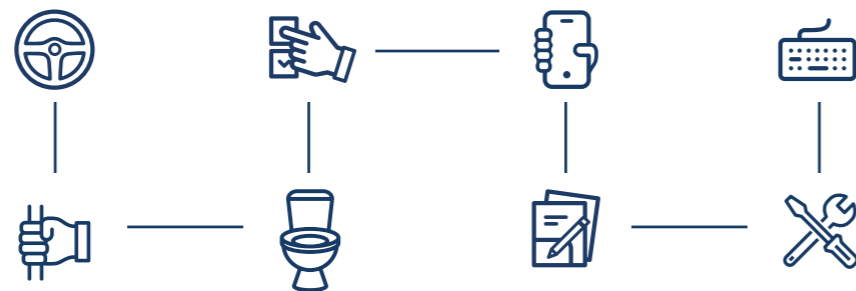


Cleaning vs Sanitising vs Disinfecting – what's the difference?

	<p>Cleaning removes germs, dirt, and impurities from surfaces or objects. Cleaning works by using soap (or detergent) and water to physically remove germs from surfaces. This process does not necessarily kill germs, but by removing them, it lowers their numbers and the risk of spreading infection.</p>		<p>Sanitising lowers the number of germs on surfaces or objects to a safe level, as judged by public health standards or requirements. This process works by either cleaning or disinfecting surfaces or objects to lower the risk of spreading infection.</p>		<p>Disinfecting kills germs on surfaces or objects. Disinfecting works by using chemicals to kill germs on surfaces or objects.* This process does not necessarily clean dirty surfaces or remove germs, but by killing germs on a surface after cleaning, it can further lower the risk of spreading infection.</p> <p><small>* Non-Food Contact Surfaces</small></p>
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Clean AND disinfect frequently touched surfaces daily.

- Step 1:**
Clean the surface of commonly touched objects — use detergent or soap and water prior to disinfection.
- Step 2:**
Disinfect the surface — use disinfectants approved by local regulatory authority. Follow manufacturer's instructions for application and dwell time.



Scott® Hard Roll Towel

- 6 x 304 m blue, 1 ply roll (1,824 m total)
- High capacity, super-compressed roll for less frequent refilling
- Made using our unique Airflex Technology.
- Soft, strong & highly absorbent, even when wet.
- Food Contact certified and Ecolabel certified
- Perfect for busy washrooms and food preparation areas.



226-4195 Blue, 1 ply
226-4104 White, 1 ply

6668
1005



226-4202 White ABS plastic

69590



Aquarius Rolled Hand Towel Dispenser

- Dispenses rolled towels without the need to touch the dispenser, helping to reduce contamination and the spread of germs
- Sleek and contemporary design with a white, high-gloss, easy-clean finish and no dirt or dust traps
- Hassle-free maintenance keeps costs down in areas of heavy use
- With a window to gauge refill needs
- Dispenser size 43.8 cm (L) x 33.8 cm (W) x 24.1 cm (D)
- Suitable for Scott® 6668 & 1005

Scott® Essential Jumbo Roll Toilet Tissue

- One roll measures 300m, one case contains 8 rolls
- The high capacity dispensing system of Scott® Essential™ jumbo toilet tissues reduces maintenance during peak times
- 2-ply toilet rolls deliver superior softness, absorbency and comfort for users
- Improved efficiency as less time spent servicing and refilling
- FSC certified, environmentally friendly



226-4115 2ply, 8 rolls x 300m

38004



226-4211 White, 52.6cm x 13.8cm x 30cm

70210



Aquarius 70210 Jumbo Roll Twin Dispenser

- Ideal for: dispensing rolled toilet tissue in an elegant format for high-traffic areas; easy loading, it offers a smart, hygienic and cost effective solution when you need it most
- Quick-fill dispenser in a sleek and contemporary design, with a white, high-gloss, easy-clean finish and no dirt or dust traps, a window (so you can see when a refill is needed)
- Suitable for Kleenex® 5749, 4782, & Scott® 5748, 4781, & Scott® Essential™ 38004

Kleenex® foam hand sanitiser

- Fragrance and dye free formulation kills up to 99.999% of germs.
- Dermatologically tested formula contains aloe vera and skin humectant.
- "Fit for purpose" in food handling or processing areas.



1l cartridge, 6 per case
1.2l cartridge, 4 per case
226-4198 Aquarius White skincare dispenser

6492
6493
69480



White ABS plastic
Metallic ABS plastic

92147
11329



Wipers vs. Rags? No Contest

When compared with waste rags, WypAll® wipers win the efficiency contest hands down... Every wiper is 100% reusable, consistent and available in an efficient format whatever your task.

CHOOSE

Inconsistent in cleanliness, shape and material fibres



Clean, consistent in size, shape and material

STORE

10kg bag of rags footprint takes up valuable storage space



WypAll® Wipers require less space than rags due to a small footprint

DISPENSE

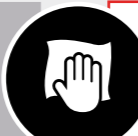
Moving back-and-forth from work to the 10kg bag of rags creates wasted motion



Portable, convenient point-of-use options enhance productivity

USE

Various materials cause lint and aren't efficient with absorbing causing over-processing and defects



WypAll® Wipers are clean, consistent and reliable, helping you to increase productivity

DISCARD

Increased waste due to inconsistent and unusable material with inefficient absorption



WypAll® Wipers help to reduce waste versus rags. Use less, waste less!



Wypall® 94222 X60 Pop-up Wiper

- A versatile wiper that is durable enough to handle general cleaning tasks and strong enough to scrub off adhesives, remove oil and debris.
- Strong wiper construction ensures longer lasting wiper performance, maintaining strength wet or dry
- Ideal for Applying lubricants and precision cleaning, Glass cleaning and polishing stainless steel, Cleaning final assembly parts and Surface wiping in Healthcare environments
- 10 Boxes per Case



226-4269 Box of 130

94222A

Wypall® X60 Perforated Jumbo Roll Wipers

- The Kimberly Clark WYPALL X60 perforated jumbo roll wipers a versatile wiper that is durable enough to handle general cleaning tasks and strong enough to scrub off adhesives, remove oil and debris
- Strong wiper construction ensures longer lasting wiper performance, maintaining strength wet or dry



226-4110 Roll of 1100

34965

226-4179 Mobile Jumbo Roll Dispenser

4951

Scott® 4100 Alcohol Antibacterial wipe

- One canister contains 70 wipes, one case contains 12 canisters
- Easy to use wipes that kill 99% of bacteria on a range of non-porous and non-food surfaces
- Compact, easy to use dispenser makes disinfecting simple and easy
- Multipurpose wipes. Pre-moistened with disinfectant for quick, hassle-free use
- Contains commercial grade disinfectant (active ingredient: 70% Isopropyl Alcohol)



226-4116 70 wipes/canister, 14 x 12cm 12 canisters

4100B

Wypall® X80 Jumbo Roll Wipers

- The Kimberly Clark WYPALL® X80 Wipers are extra strong, absorbent and bulky - ideal for heavy duty wiping tasks
- They are compact and can be re-used for cost-effective wiping. WYPALL® X80 Wipers can halve your waste disposal costs and help to reduce freight and storage costs versus the equivalent amount of waste rag
- The jumbo roll can be mounted to a wall to save space, or it can be put onto a mobile trolley dispenser so the wiper can be easily and safely moved to where it's needed



226-4110 Roll of 540

94173A

226-4179 Mobile Jumbo Roll Dispenser

4951

Kimtech® WETTASK Wipers & Bucket Dispenser

- A portable dispensing system of dry wipers that can be pre-moistened with a solution or chemical of your choice
- Ready to use system that can save time and effort
- Provides flexibility of using preferred solvents or chemicals
- May reduce solvent consumption and limit chemical/solvent exposure



226-4102 Hydroknit wipers 60 sheets/roll, 6 rolls +1 bucket per case, 30.5 x 31.7cm

6001

226-4103 Meltblown wipers 140 sheets/roll, 6 rolls + 1 bucket per case, 30.5 x 15.2cm

6411

226-4193 Solvents wipers 60 sheets/roll, 6 rolls per case, 30.5 x 31.7cm

6101

Bucket dispensers 4 per case (Suits all WETTASK Wipers)

7919



The right tool for every task



KEY TECHNOLOGY PPE

Keep your students safe. We can keep you covered from head to toe with our wide range of products and trusted brands.



EDGE® 48-128 Black Nitrile Coated Work Gloves

- Very light and comfortable
- High level of dexterity and flexibility
- Good level of abrasion and oil resistance
- Dark glove shows dirt contamination less quickly



Ansell

217-4985

6900 Full Respirator Mask

- Reliable, convenient, compatible respiratory protection
- Helps provide respiratory protection against a wide variety of gases and vapors when used with approved cartridges and filters
- Unique center adapter to direct exhaled breath and moisture downward



3M

48128100 773-4463

3M White Disposable Coverall

- Splash and Dust Protection Coverall 4510
- Elasticated waist, ankles, and wrists for convenience and freedom of movement
- 2-way zipper with storm flap for convenience and additional protection



3M

6900 773-4466 4510 XL

Uvex Safety Goggles Ultravision 9301

- Full vision safety goggle with unrestricted side visibility provided by 180° panorama lens
- Fits over most prescription spectacles
- Anatomical shape and soft material allow close, yet comfortable, fit



uvex

262-6610

3M E.A.R Soft Corded Disposable Ear Plugs

- Comfortable Fit
- High Visibility
- Excellent Noise Reduction



3M E-A-R™

9301-624 774-3962

RS PRO Black Polyethylene Work Gloves

- Protective material covers palm and fingers while still allowing for a good grip
- Perfect for working environments where there is a cut risk



RS PRO

311-1251 869-1639 Size 10, 1 Pair



Product Support

We know how important advice and technical support is to our customers. We understand that sometimes you need to ask a question or clarify a dimension, helping you to find the perfect production solution.

That's why we continue to provide product support via our team of qualified engineers, as well as access to product support resources - online, by phone or through our RS Local branches.

Never get stuck again.



Our Customer Service team can help understand your needs, offering product support or directing your enquiry to a qualified engineer



Speak to a live chat member via our website for help in finding products and technical information



Access over 500,000 technical data sheets available at product level, saving you time and giving you 24/7 technical information

DESIGNSPARK

Obtain additional technical data from a range of brands via our Designspark Product Data Library which contains datasheets, 3D models, application notes and more.



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Supporting the Education Sector

Here are some great initiatives and innovations we have invested in to support you:

DESIGNSPARK

DesignSpark is powered by engineers from every corner of the globe, bringing engineers from start-up companies with limited funds through to the largest business and students together. As DesignSpark members, engineers have access to:

- **Free Software**
Suite of design and programming software helps engineers to improve productivity and allows rapid prototyping; this ranges from free professional software to paid-for upgrade packages.
- **Comprehensive Libraries**
Design resources and CAD neutral libraries designed to accelerate design cycle times and speed up engineers' design process.
- **Technology Discovery**
Technology updates help engineers to stay at the forefront of the industry and new to market product introductions.
- **Community Support**
DesignSpark is the space for engineers to share, discuss and help fellow engineers; for there's always more to learn and tinker, experiment and develop.



Grass Roots Education is the dedicated Engineering & Technology Youth Empowerment Team at RS, who aim to develop & support students across the globe to help bridge the gap between University & the workplace.

- **Technical learning and application**
- **Employability skills training (Super Skills)**
- **Volunteering opportunities**
- **BrightSparks Awards (UK)**
- **Competitions and hackathons**
- **Championing young content creators**



RS PRO offers the Education sector a wide choice of over 68,000 products of proven quality at an affordable price.

Our range of Test & Measurement offers a complete choice of reliable, quality instruments, with calibrated options available, to meet the needs of professionals & students.

