



EDUCATION

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

 hken.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 hken.rs-online.com



Solutions for the Education industry.

RS 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 stocks 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 you 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 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 supplies 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

hken.rs-online.com/services

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 benefiting 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 is to make amazing happen by inspiring a more sustainable world through education and innovative solutions that improve lives

RS is 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, as part of parent company RS Group 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 ANZ

”



RS 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

”



More Products, More Value

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



AUDITED

In compliance with industry standards

INSPECTED

By leading engineers

QUALITY

We rigorously test every part against demanding industry standards.

The RS PRO Seal of Approval
a Sure Sign of Quality



TESTED

For guaranteed quality and performance



VALUE

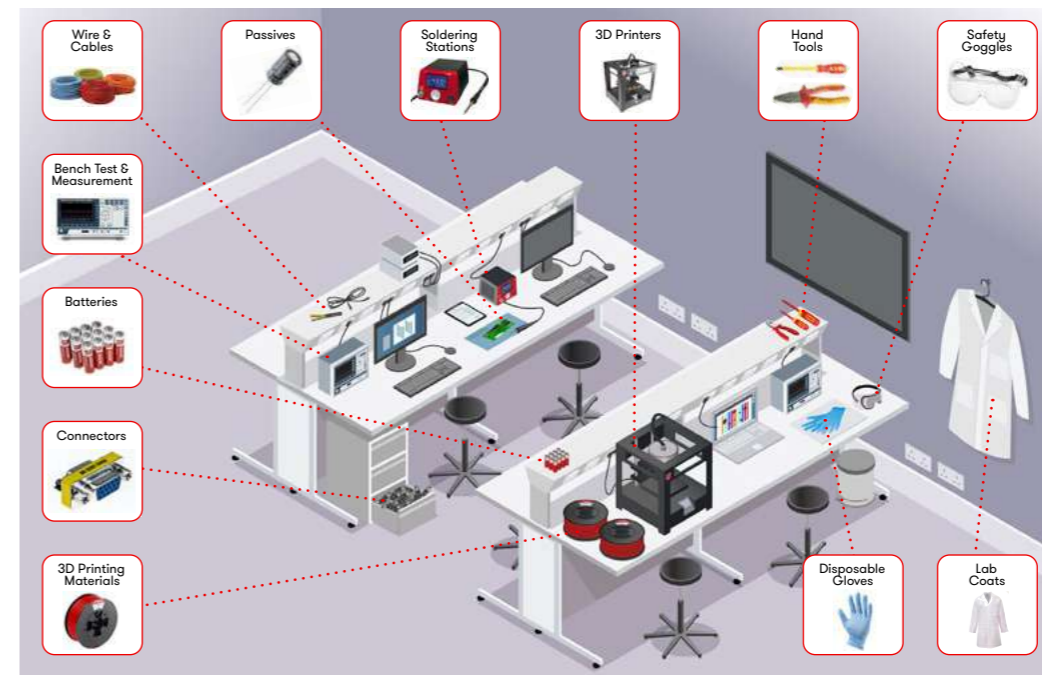
We price our products competitively.



CHOICE

We continuously expand our range.

The range you need in the education sector



BUILDING, FACILITIES & MAINTENANCE





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

OKdo x Radxa ROCK 4 SE Single Board Computer 4GB LPDDR4 RAM

ROCK 4 SE is a class-leading single-board computer developed by OKdo in collaboration with Radxa. It's a reliable, robust, low-power and high-performing SBC based on the powerful Rockchip RK3399T processor, big.LITTLE™ Arm® Dual Cortex-A72@ CPU, Arm Mali™ - T860MP4 GPU and 4GB dual channel LPDDR4 RAM. The board benefits from an extensive list of high-quality features, such as an onboard antenna, RTC, WiFi 802.11 b/g/n/ac, Bluetooth 5 and BLE modules, an audio jack with microphone in, a 4K HDMI port 60fps, user configurable USB HOST/OTG mode, M.2 memory expansion, eMMC robust memory slot and much more.



220-9536

PI-4GB-STARTERKIT

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



192-7589

ABX00032

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



204-8229

5311

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

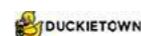
- The Microchip RN2483 LoRa® Mote is a LoRaWAN™ Class A end-device based on the RN2483 LoRa® modem module
- The LoRa®Mote is battery powered, providing a portable tool to demonstrate the excellent long-range capabilities of the RN2483. The interoperability with LoRaWANv1.0 compliant gateways and infrastructure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

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



134-0414

MEARM MAKER KIT 111-3738

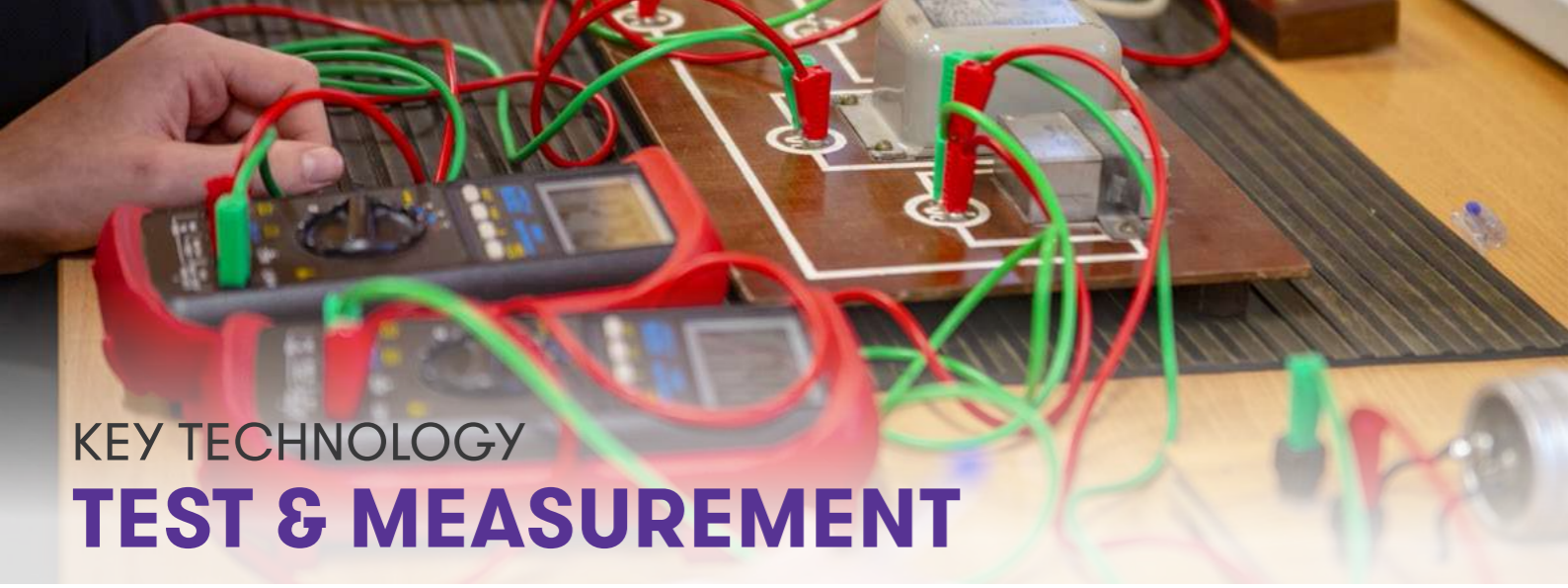
Tinkerkit Braccio Arduino Robotic Arm

- 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





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 Si124-PD Acoustic Imager, 5", 800 x 480pixel Display

- Accuracy: 0 dB
- Battery Type: Li-Ion
- Battery Life: 7 h
- Dimensions: 273 x 170 x 125 mm
- Display Size: 5", 800 x 480 pixel
- Maximum Operating Temperature: +50 °C
- Minimum Operating Temperature: -10 °C
- Model Number: Si124-PD



TC-08 231-8558 0 dB

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

hken.rs-online.com/calibration

* The range of services varies from region to region, please contact us for more information.



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

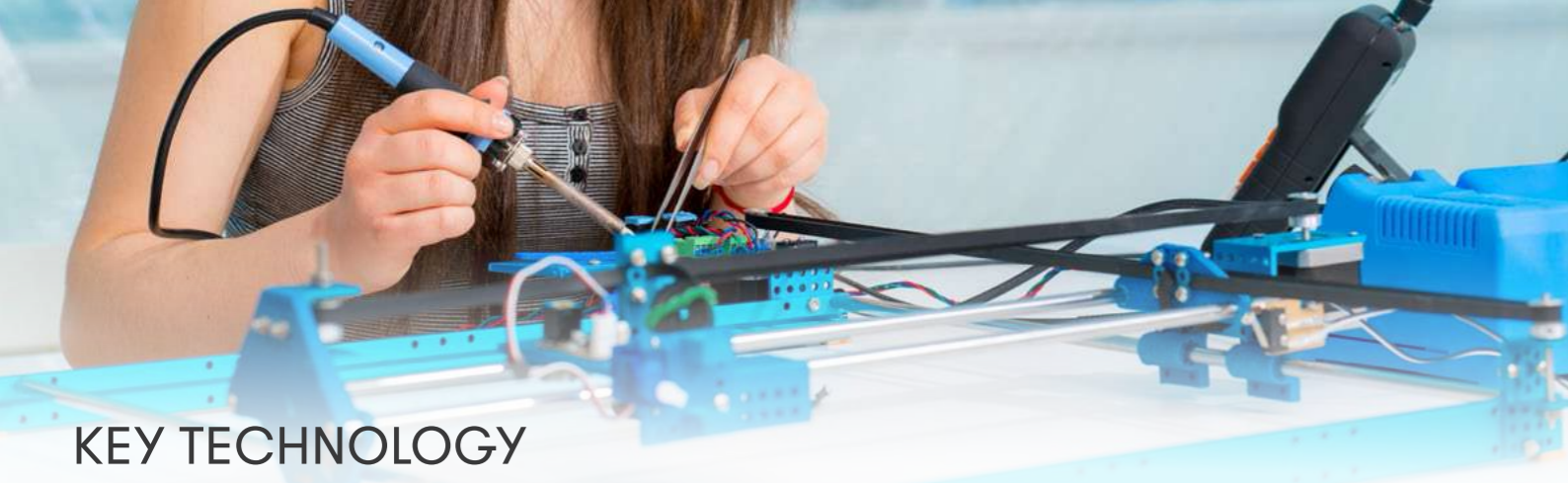


500-181-30 789-8898 10Kg

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!



Dino-Lite AD4113T-I2V USB Digital Microscope, 1280 x 1024 pixel, 20 → 200X Magnification

- Magnification Power: 20 → 200 X
- Frame Rate: 30 fps
- Resolution: 1280 x 1024 pixel
- Illuminated: Yes
- Illumination Type: LED
- Interface Type: USB
- Weight: 100 g
- Dimensions: 105 x 32 mm



Dino-Lite
Digital Microscope

888-2838 20 → 200X

Wera 9 pieces Hex Key Set

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



Wera
9 Pieces Hex Key Set

638-8312 L Shape 1.5mm 22720



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

RS PRO 114 mm Electronic Cutters

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



864-0772 ESD safe

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

- Metric plain sealing washers
- Nylon 6,6, natural
- Provides electrical insulation



525-739 0.8mm

RS PRO Bench Grinder Stand

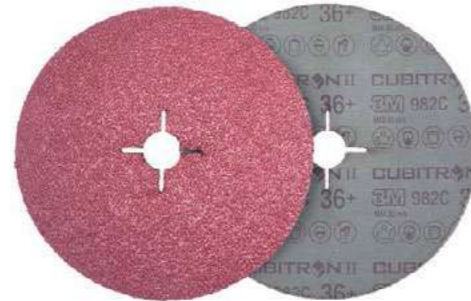
- Economical way to grind drills
- Capacity 1/8 - 3/4 in. drill bits
- Can be used with any bench grinder 6 in. or over



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

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



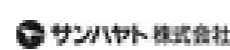
776-9784 5m 1-30-696



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.



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

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



791-6463 15cm long

MIKROE-513

Steel PCB Drill Bit 0.8mm

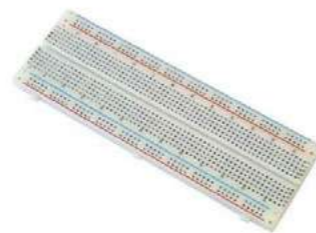
- HSS miniature twist drill bits for use with PCB drills
- Drills have 2.35mm diameter shank
- Produce clean holes in multi-layer PCB boards



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



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

T0051502599N



287-7379 1.8m Length

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

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





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,

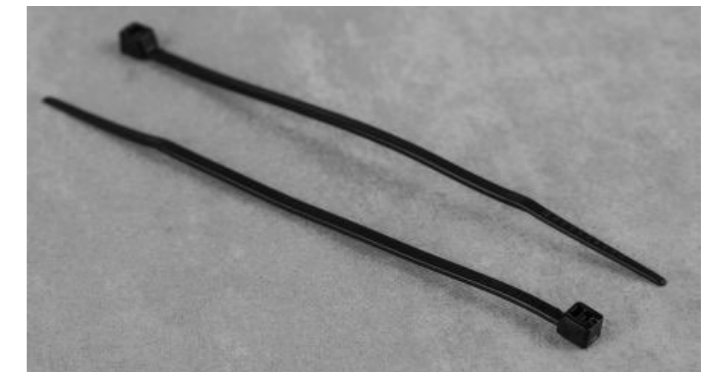
- High capacity
- Wide operational temperature range
- Long storage life
- Long operational life



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

RS PRO Automatic Steel 2.3KW Hand Dryer, 208 MM X 237 MM X 270 MM

- Case Material: Steel
- Supply Voltage: 220 d 240 V
- Automatic/Manual: Automatic
- Finish: Chrome
- Power Rating: 2.3 kW
- Depth: 208 mm
- Height: 237 mm
- Width: 270 mm



221-3571 Steel



FACILITIES MAINTENANCE & KEEPING COVID SAFE

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 Wet Electronics Wipes, Box of 20

- Application: Electronic Equipment Cleaning
- Wipe Type: Electronics Wipes
- Number of Wipes per Pack: 20
- Wet/Dry: Wet
- Package Type: Box
- Wiper Size: 125 x 110 mm
- Colour: White
- Repeat/Single Use: Single Use



557-067

Kimberly Clark Kimtech Dry Industrial Wipes, Box of 100

- Application: Clean Environments, Food Industry, Pharmaceutical
- Wipe Type: Industrial Wipes
- Number of Wipes per Pack: 100
- Wet/Dry: Dry
- Package Type: Box
- Wiper Size: 210 x 205 mm
- Colour: White
- Trade Name: Kimtech



122-3087 1 Box of 100

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

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

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?



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.



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.



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.

* Non-Food Contact Surfaces

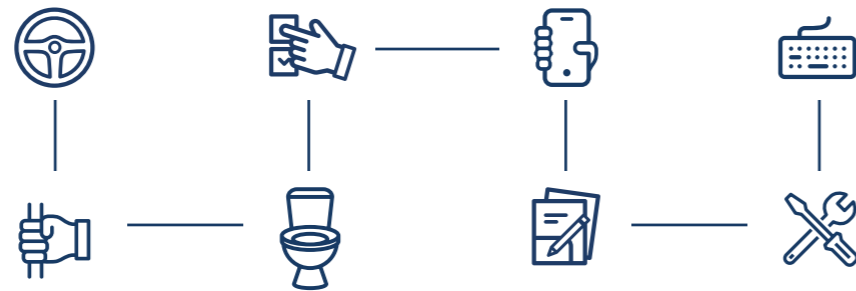
Clean AND disinfect frequently touched surfaces daily.

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.



Kimberly Clark Wypall Dry Tissues, Centrefeed of 2400

- Application: Light Duty Cleaning
- Wipe Type: Tissues
- Number of Wipes per Pack: 2400
- Wet/Dry: Dry
- Package Type: Centrefeed
- Wiper Size: 380 x 195 mm
- Colour: Blue
- Trade Name: WypAll



125-8555 Light Duty

Kimberly Clark Wypall Dry Industrial Wipes, Roll of 950

- Application: Industrial Cleaning
- Wipe Type: Industrial Wipes
- Number of Wipes per Pack: 950
- Wet/Dry: Dry
- Package Type: Roll
- Wiper Size: 340 x 315 mm
- Colour: White
- Trade Name: WypAll



181-6580 Industrial

Tork Dry Multi-Purpose Wipes, Centrefeed of 1

- Application: Basic Wiping Task, Centrefeed Dispenser, Cleaning Staff, Floor or Wall Stand Dispenser, Food, Hand, Smoother Single-Hand Dispensing
- Wipe Type: Multi-Purpose Wipes
- Number of Wipes per Pack: 1
- Wet/Dry: Dry
- Package Type: Centrefeed
- Wiper Size: 150 m x 194 mm
- Colour: Blue
- Repeat/Single Use: Single Use



Think ahead.

136-9601

Tork Dry Multi-Purpose Wipes, Pack of 75

- Application: General Cleaning
- Wipe Type: Multi-Purpose Wipes
- Number of Wipes per Pack: 75
- Wet/Dry: Dry
- Package Type: Pack
- Wiper Size: 193 x 160 (Folded) mm, 385 x 300 (Unfolded) mm
- Colour: Blue
- Repeat/Single Use: Single Use



Think ahead.

136-9626 General

Tork Wipe Dispenser, Wiper Dispenser

- Colour: White
- Type: Wiper Dispenser
- Material: Plastic
- Width: 174 mm



Think ahead.

240-9490 White

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!



Hair & Body Dispenser 1L

- Anti-Bacterial: Yes
- Colour: Blue, White
- Trade Name: SC Johnson Professional



248-5759

RS PRO Foot Operated Hand Sanitising Station 1213MM x 312MM x 306MM

- Width: 312 mm
- Height: 1213 mm
- Depth: 306 mm
- Mounting Type: Free Standing
- Anti-Bacterial: Yes
- Wall Mounted: No
- Colour: Grey



201-7831

3-IN-1 Hand Moisturiser, Sanitiser and Barrier Cream, 5 L

- Number of Bottles: 1
- Product Category: Barrier Cream, Hand Cream
- Application: Hand Protection
- Package Size: 5 L
- Package Type: Bottle
- Fragrance: Unscented



219-3684

SCJ Professional Skin Cream Barrier Cream - 700 ML Cartridge

- Number of Bottles: 1
- Product Category: Barrier Cream
- Application: Skin Cream
- Package Size: 700 ml
- Package Type: Cartridge
- Fragrance: Unscented



460-9099



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.



3M General PPE Combination Kit Containing G500 Headgear, PC Face Shield, Peltor™

- Protection Type: General
- Kit Contents: G500 Headgear, PC Face Shield, Peltor™ Earmuffs



3M

740-1429

3M Ultrafit Series Reusable Corded Ear Plugs, 32DB Rated

- Reusable/Disposable: Reusable
- Single Number Rating (SNR): 32 dB
- Attachment Style: Corded
- Standards Met: EN 352-2
- Series: Ultrafit



3M

240-5894 Reusable

3M TR-600 series Powered Respirator, 3 Filters, Impact Protection

- Mode of Operation: Powered
- Number of Filters: 3
- Head Cover Impact Protection: Yes
- Accessory Type: Kit
- Series: TR-600



3M

2217-283 Powered

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

Reldeen Blue Powder-Free Nitrile Disposable Gloves, Size Medium

- Glove Size: Medium
- Glove Material: Nitrile
- Colour: Blue
- European Safety Standard: EN374
- Glove Type: Chemical Resistant
- Powdered:



RELDEEN

9301-624 240-5324

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

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.



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