Miele

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E R G O N O M I C X X
C U B E X E C O D R Y
X T I M E S A V I N G
S A F E X W I F I X O
N E W X O S I M P L E
O P E R A T I O N E F
F I C I E N T C U B E
X O I N T U I T I V E
N A V I G A T I O N X
E C O N O M I C A L X
T O U C H S C R E E N
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Cube and Cube X:
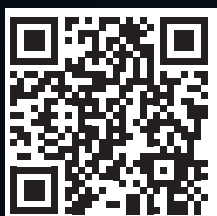High-performance small sterilisers for dental surgeries.

C U B E
C U B E X

Experience Cube
und Cube X:

SYSTEMATIC **STERILISATION**

Provision

Usage

Storage

Pre-cleaning, disassembly, disposal

Instrument cycle

Sterilisation and documented approvals

Washing and disinfection

Packaging, labelling

Monitoring, care and functional tests
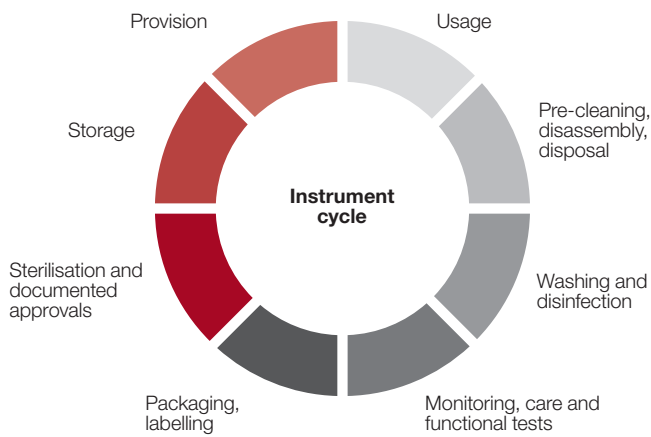
Innovative, efficient and all from one single source: As a key component of the integrated 360PRO system, Cube and Cube X small sterilisers guarantee the safe and reliable reprocessing of dental instruments in the shortest of times. Surgeries of all sizes profit from time and cost savings as not only instrument reprocessing but also the entire administrative effort involved is optimised.

GREATER SAFETY
AND EFFICIENCY

Thanks to shorter cycles, innovative drying technology and an intuitive user interface, both Cube and Cube X meet the highest of standards with respect to safety, user-friendliness and the economics of everyday use. Both models are compelling propositions in terms of their perfect drying, their colour touch display for simplicity of use and the ease with which they integrate into existing IT systems.

Whether small practice or large clinic: Miele offers two models, each with a different chamber size, to do justice to the varying requirements of dental surgeries and hospitals. Whilst the Cube performance model features all the functionalities needed for fast and reliable sterilisation in modern practices, the Cube X premium model offers many additional innovative extras to ensure efficient instrument reprocessing at the highest of levels, both from a technical and economical viewpoint.

CUBE PERFORMANCE MODEL
FOR EFFICIENT INSTRUMENT REPROCESSING

Simple, reliable and efficient: Cube convinces with its short cycles, optimum drying results and low consumption. The compact steriliser offers many useful functions for efficient sterilisation processes, is available in two chamber sizes (17 l and 22 l) and optimises the entire instrument cycle as an integrated part of a systematic approach in small to medium-size practices.

- User-friendly operation thanks to colour touch screen
- Practical programme settings such as programmable starting times
- User convenience thanks to ergonomic design
- Flexible water supply: Automatic by connecting to a water pre-treatment system or manually via water tank
- Capacity: up to 5 trays (3 trays, convertible tray rack and tray holder included)
- Process documentation via USB or optionally via WiFi or DataDiary Cube

POWERFUL
FOR SMALL AND
LARGE PRACTICES

PREMIUM CUBE X MODEL
EXCEEDS EVEN THE HIGHEST OF QUALITY EXPECTATIONS

Innovative, fast, safe: Thanks to its short cycles, ultra-modern drying technology, a simple interface and programmable starting times, the Cube X premium model simplifies processes in larger surgeries and clinics. The machine is available in two chamber sizes (17 l and 22 l), features advanced network technology and also offers many extra features guaranteeing greater convenience and economy in everyday business.

- Shorter drying times thanks to EcoDry technology.
- S–Fast cycle for handpieces and contra-angles for rapid sterilisation lasting as little as 13 minutes
- Individual user management catering for multiple users
- 3D animations in display provide modern maintenance support
- User-friendly operation thanks to colour touch screen

- Practical programme settings such as programmable starting times
- User convenience thanks to ergonomic design
- Flexible water supply: Automatic by connecting to a water pre-treatment system or manually via water tank
- Capacity: up to 5 trays (5 trays, convertible tray rack and tray holder included)
- Process documentation via USB, Ethernet or optionally via WiFi or DataDiary Cube

QUALITY AND SAFETY

Reliable sterilisation of instruments

Reliable programme selection
Individual sterilisation cycles
Safe instrument reprocessing with standard B-class cycles, an S-class cycle for the fast sterilisation of unwrapped handpieces and contra-angles (depending on model) and relevant test programmes such as a vacuum test.

Practical programme settings
Individual flexibility
Valuable cost and time savings in everyday surgery life thanks to customisable programme settings, e.g. pre-selected programme starts

Comprehensive process documentation
Secure data transmission
Simple traceability thanks to automatic saving of cycle reports to a USB flash memory or to a computer via DataDiary. Simple and uncomplicated printing of barcode labels using the Miele APH 550 Sego label printer.

Individual user identification
Digital identification
If required, the users checking and approving Cube X sterilisation cycles can be registered digitally. The name of the operator can be saved together with approvals.

Low running costs
Long maintenance intervals
Maintenance is only required every 5 years or at the latest after 4000 cycles.

Discover many other benefits and features:
miele.de/pro/cube

EFFICIENT **AND CONVENIENT**

Greater economy in everyday work

Optimised cycle times
EcoDry technology
The Cube X boasts cycles which are shorter, guarantees greater instrument longevity and compelling energy savings. With patented EcoDry technology, drying times are adjusted to load sizes.

Compact dimensions
Ergonomic design
The ergonomic design of the machines ensures additional convenience. Thanks to their compact size, these machines integrate well into all types of practices and surgeries.

Easy operation
Intuitive colour touch display
The large colour touch display and an intuitive menu structure makes daily work in a surgery simpler, faster and more efficient.

Simple data transfer
WiFi dongle key
Optionally, communication via WiFi is an alternative. This allows data to be ported simply to other software systems.

High-level user convenience
Automatic water fill valve
Alongside the simple charging of the water tank, these machines are easy to connect to the Miele Plug & Pure water treatment system. Alternatively, a small steriliser can be connected together with a Miele thermal disinfector to a larger full demineralisation cartridge.

GREATER **EFFICIENCY**
IN EVERYDAY USE

TWO MODELS,
FIRST-CLASS RESULTS

		CUBE		CUBE X	
		PST 1710	**PST 2210**	**PST 1720**	**PST 2220**
Construction type and design					
Countertop unit		•	•	•	•
Casing		White	White	White	White
Electric door lock		•	•	•	•
Capacity					
Instruments [kg]		4.5	5.5	4.5	6
Textiles [kg]		1.5	2	1.5	2
Cartridges, containers [kg]		9	9	9	9
Programmes & cycle times*					
Programmes [No.]		3	3	4	4
134°C Universal [mins.] Holding time: 5.5 mins.	Empty	43.5	46.5	22.5	22.5
	Full load	52.5	56.5	42.5	46.5
121°C Universal [mins.] Holding time: 20.5 mins.	Empty	65	66	35	35
	Full load	74	77	62	67
134°C Prions [mins.] Holding time: 20.5 mins.	Empty	42	42	38	38
	Full load	67	70	59	63
S-Fast cycle [mins.] Holding time: 3.5 mins.	Empty	-	-	13	13
	2 kg	-	-	20	21
Vacuum test [mins.]		19	20	17	18
Helix-B&D test [mins.]		23	24	21	21
Controls					
Touch colour display		•	•	•	•
Display size in inches		4.3	4.3	4.3	4.3
Direct-access pushbuttons		•	•	•	•
Time left display		•	•	•	•
Programme sequence display		•	•	•	•
Individual user identification		-	-	•	•
Cycle memory [No. of cycles]		400	400	400	400
Automatic service indicator		•	•	•	•
Connection options					
USB interface		2	2	5	5
LAN interface		-	-	1	1
WiFi (optional)		•	•	•	•
External water supply					
Water consumption [l/cycle]		0.13 - 0.59	0.13 - 0.59	0.32 -0.65	0.32 -0.65
Automatic water fill valve		•	•	•	•
Required flow pressure [bar]		2 - 8.6	2 - 8.6	2 - 8.6	2 - 8.6
Flow rate [l/min]		0.25 - 0.5	0.25 - 0.5	0.25 - 0.5	0.25 - 0.5
Max. water intake temperature [°C]		35	35	35	35
Electrical connection					
200–240 V AC; 50/ 60 Hz		•	•	•	•
Fuse rating [A]		10	10	10	10
Power rating [kW]		2.0 - 2.4	2.0 - 2.4	2.0 - 2.4	2.0 - 2.4
Sterilisation chamber					
Total volume [l]		17	22	17	22
Total volume Ø [mm]		250	250	250	250
Total volume Depth [mm]		362	440	362	440
Useable chamber space H/W/D [mm]		195 x 195 x 312	195 x 195 x 400	195 x 195 x 312	195 x 195 x 400
Pressure relief valve [bar]		2.6	2.6	2.6	2.6
Safety thermostats [°C]		180	180	180	180
Bacterial filter [µm]		0.3	0.3	0.3	0.3
Steam generator					
Pressure relief valve [bar]		5	5	5	5
Safety thermostats [°C]		230	230	230	230
Dimensions, weight					
External dimensions H/W/D [mm]		452 x 465 x 634	452 x 465 x 634	452 x 465 x 634	452 x 465 x 634
Min. space requirements H/W/D [mm]		502 x 565 x 450	502 x 565 x 450	502 x 565 x 450	502 x 565 x 450
Door opening space H/W/D [mm]		452 x 532 x 357	452 x 532 x 357	452 x 532 x 357	452 x 532 x 357
Empty weight [kg]		42.5	44	46	47.5
Approvals and standards					
93/42/EWG, 2014/68/EU, EN 13060, EN 61010-2-040, EN 61326-1, EN 61770					

* Cycle times may vary depending on load type, drying time and electricity and water supply.

360 PRO

SIMPLE, ECONOMIC AND SAFE
PROCESS DOCUMENTATION

With DataDiary, documentation of reprocessing is simpler than ever before. Discover the convenience benefits afforded by app-based documentation:

Simple to handle
With DataDiary, Miele Professional is offering an intuitive, app-based method of process documentation. It is a plug & play solution – simply connect a unit and off you go!

Wireless & secure
Data is transmitted wirelessly and securely between the Miele machine and a tablet PC via encrypted WiFi (WPA2). User authentication is simple using an NFC tag or a user ID/PIN.

Single-source supply
DataDiary now supports up to 9 thermal disinfectors from the PG 858x/9x series and Cube small sterilisers. Data is communicated via the surgery's network or directly on a point-to-point basis.

Reliable
DataDiary provides gap-free and legally compliant documentation of reprocessing at your site. Reports can be exported in the practical PDF format.

COMPACT SOLUTION FOR HIGH-QUALITY DEMINERALISED WATER

The Plug & Pure water treatment system can be connected directly to Cube and Cube X small sterilisers, providing a high-quality supply of demineralised water using ion exchange principle.

Benefits of Plug & Pure water treatment system:

- Consistently high water quality in compliance with standards
- Cartridges replaced in only a few seconds
- No additional tools needed
- Convenient installation: Can be placed on machine or secured to wall with bracket

To benefit to the full from Miele's system, the APST 011 connector set can be used to connect a small steriliser together with a thermal disinfector to a large VE P 2000 / 2800 demineralisation cartridge.

- Time and cost savings
- Automatic supply of demineralised water
- Simple connection to water supply

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Immer Besser

Since 1899, Miele – a family-run company – has subscribed to a clear corporate philosophy condensed into the two words 'Immer Besser' (forever better). This overarching claim is the foundation of Miele's proverbial quality and sustainability and the power of innovation of a brand 'Made in Germany'. A brand promise which gives professional users the certainty of having chosen the right product.

Award-winning

Uncompromising product reliability and service dependability is the reason why customers have repeatedly voted Miele the best and most trustworthy brand. Coveted awards such as the MX Award, the iF and reddot Design Awards and the German Sustainability Prize confirm the distinguished position Miele enjoys with respect to design, quality management and the sparing use of resources.

Proficient

Miele Professional has been developing and manufacturing a broad range of high-quality laundry machines, dishwashers, washer-disinfectors and sterilisers for decades. Carefully selected accessories, comprehensive advisory services and a Miele service operation which guarantees fast response times ensure that machines perform to perfection and offer the ultimate in capacity and efficiency.