

Technical specifications

Multimat® Cube

Height: closed	approx. 475 mm	Voltage:	100-115 VAC	REF 54 6028 0002
opened	approx. 645 mm		220-240 VAC	REF 54 6028 0001
Width:	approx. 310 mm	Frequency:	50 - 60 Hz	
Depth:	approx. 470 mm	Service type:	1,580 W including vacuum pump (at 220-240 VAC)	
			1,580 W including vacuum pump (at 100-115 VAC)	
Weight:	approx. 26,5 kg			

Multimat® Cube press

Height: closed	approx. 575 mm	Voltage:	100-115 VAC	REF 54 6028 0012
opened	approx. 745 mm		220-240 VAC	REF 54 6028 0011
Width:	approx. 310 mm	Frequency:	50 - 60 Hz	
Depth:	approx. 470 mm	Service type:	1,580 W including vacuum pump (at 220-240 VAC)	
			1,580 W including vacuum pump (at 100-115 VAC)	
Weight:	approx. 29 kg			

Specific technical characteristics	
Opening range, base to firing chamber	100 mm
Closing time, firing chamber	approx. 19 seconds.
Ambient temperature, operation	+5 °C to +40 °C, ideal: +20 °C
Ambient temperature, storage	0 °C to +40 °C
Humidity	80% relative humidity at temperatures up to 31 °C or linear decrease to 50% at +40 °C
Environment	Indoors only, on a non-flammable surface
Thermocouple	Quartz muffle with an openly radiating filament
Maximum firing temperature	1200 °C
Heating rate	Up to 120 °C/min
Pressure in pressing mode	0 to 3 bar, monitored
Display	7" TFT LCD display with projective capacitive touch, 3 mm thermally hardened flat glass, 800 × 480 pixels

Accessories:

REF D 03 532 803 Silver wire test
REF D 03 002 220 VD Vacuum pump, 230 VAC/50 Hz including filter

Technical specifications may change without notice



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Multimat Cube/Cube press

Porcelain Furnaces

Cube your firing performance

Brochure for the dental laboratory

Cube your firing performance

The ultimate combination of performance, usability and reliability



High Performance

- + High temperature stability and multi-stage heating and cooling programs ensure great results when pressing and firing of common dental ceramic systems, including lithium silicate/disilicate ceramics



Ultimate Reliability

- + Automatic program continuation after a short-term power loss saves time, while extensive 72h stress testing, two year warranty and technical support ensure ongoing reliability.
- + Intelligent pre-heating program
- + Secure placement of your restoration, due to the movable chamber, which avoids vibration of the firing tray
- + “Made in Germany” quality, approved according to international and ETL standards



* Multimat Cube press is a pressing and firing unit

** Multimat Cube is the identical unit without the pressing option



Intuitive Usability

- + User friendly large touch display with intuitive user interface gives clear access to programs and makes it easy for everybody to use. LED status display saves time, keeping users up to date from a distance.
- + Firing/pressing programs of Dentsply Sirona porcelain systems are pre-installed
- + Two USB ports for data backup, update function via USB-Stick and for connecting a standard keyboard

Modern Design - Fits seamlessly into the dental environment

- + Premium materials and minimalistic design ensures it stands out and looks great.
- + Glas-Touch-Display with 3mm reinforced glass