

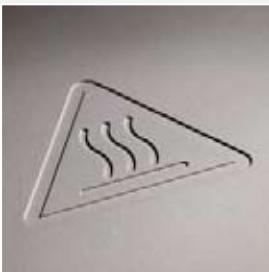
# PANAMAT<sup>®</sup> 620



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Professional Mode	Range	Interval	Unit
Dry temperature (Autodry <sup>®</sup> )	80 to 200	1	°C
Start temperature/ preheating temperature	100 to 700	1	°C
Drying time	00:00 to 99:59	00:01	min:s
Closing time	00:00 to 99:59	00:01	min:s
Preheating time	00:00 to 99:59	00:01	min:s
Vacuum level	0 to 100	10	%
Vacuum off	100 to 1200	1	°C
Heat rate	2 to 99 or max.	1	°C/min
Final temperature/ firing temperature	100 to 1200	1	°C
Holding time with/without vacuum	00:00 to 99:59	00:01	min:s
Temperature rise/drop 2	2 to 99 or max.	1	°C/min
End/firing/cooling/relaxation temperature 2	100 to 1200	1	°C
Holding time with/without vacuum 2	00:00 to 99:59	00:01	min:s
Temperature rise/drop 3	2 to 99 or max.	1	°C/min
End/firing/cooling/relaxation temperature 3	100 to 1200	1	°C
Holding time with/without vacuum 3	00:00 to 99:59	00:01	min:s



Easy Mode	Range	Interval	Unit
Dry temperature (Autodry <sup>®</sup> )	80 to 200	1	°C
Start temperature/ preheating temperature	100 to 700	1	°C
Drying time	00:00 to 99:59	00:01	min:s
Closing time	00:00 to 99:59	00:01	min:s
Preheating time	00:00 to 99:59	00:01	min:s
Vacuum level	0 to 100	10	%
Temperature increase	2 to 99 or max.	1	°C/min
Final temperature/ firing temperature	100 to 1200	1	°C
Holding period with/without vacuum	00:00 to 99:59	00:01	min:s
Cooling temperature	90% of end temperature		
Cooling time	00:00 to 99:59	00:01	min:s
Relaxation temperature	65% of end temperature		
Relaxation time	00:00 to 99:59	00:01	min:s



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PANAMAT<sup>®</sup> 620: 200 standard firing programs can be clearly displayed in the program manager and are available for individual adaptation. Additional programs are either archived in the integrated memory in sets of 200 programs each, or loaded via USB from the DEKEMA<sup>®</sup> database from the internet. At present several thousands of firing programs are available from nearly every dental ceramics manufacturer. Additional memory expansion or simple data transfers are also possible through the USB interface.

A backup and recovery function through the USB interface reliably protects against data loss. Of course, firing programs can be retrieved or read out through the USB interface.

The screen (b/w) can graphically portray the firing process or show patient images. The menu-guided professional mode enables precise entry of the drying and cooling steps. When programming in standard mode, the user can access saved (integrated) cooling steps.

A QWERTZ keyboard on the large touch-sensitive glass screen can also be operated with a USB mouse.

The proven firing chamber concept and extremely precise temperature management guarantee excellent firing results both in the high-fusing as well as low-fusing-temperature range.

Using the traditional silver wire test yields superb repeatability. The maximum vacuum reliability of the PANAMAT<sup>®</sup> 620 is a reflection of standard DEKEMA<sup>®</sup> quality.

DEKEMA<sup>®</sup> Autodry<sup>®</sup>: Simulates object temperature measurement and automatically regulates the distance between the firing chamber and the firing object with the vibration-free lift for precise drying and cooling phases. Autodry<sup>®</sup> has been further refined and adapted to the needs of modern ceramics.

Automatic self-test: Internal test routines seamlessly monitor the temperature while the program is running.

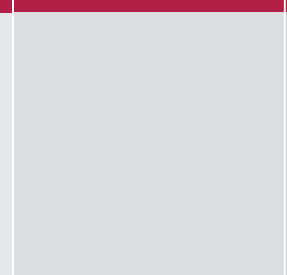
Check program: An automatic diagnostics routine is integrated for all system components to determine the service intervals.

Setup: Units, language, date, time, screen settings, general code, furnace ID, acoustic signal, drying temperature, heating settings, long-term readiness, lift settings, check program, cleaning firing, temperature calibration, seal test, printer, diagnosis data, back-up/recovery and many other functions.

Connections: 2 USB

Content: PANAMAT<sup>®</sup> 620 ceramic furnace, firing table, vacuum pump, operating instructions, tweezers, power cord

Technical data: 220-240 V, 110-120 V or 95-105 V, 50-60 Hz, max. 1450 W (incl. pump), 653 mm x 380 mm x 338 mm (HxWxD), 20.5 kg (without pump).



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