

AUSTER

FIRE

DOMAT™

220 G2

The DEKEMA for starters redefined: faster, more powerful, more intuitive

NEW

AUSTROMAT™ 220 G2

- Stand-alone firing furnace with optional vacuum pump
- 13 kg stable
- Firing, glazing, crystallization and infiltration with and without vacuum
- APEX software with delayed vacuum switch-on point and QR codes for quick access to DEKEMA online
- 25% faster driving speed of the lift allows instantaneous dry and closing phases
- Lift system made of high-strength aircraft aluminum for more reliable and maintenance-free lift rides
- Self-lubricating bronze guide and reinforced spring of the telescopic piston for smoother closing processes
- Optimized ventilation unit with fixed pump connection hose and integrated pressure gauge
- Plug and play: Place – Power – Perform



AUGMENTED

REALITY

Applications	with vacuum	without vacuum
Fire	optional	
Press	–	–
Sinter	–	–
Glaze	optional	
Crystallize	optional	
Infiltrate	optional	



DEKEMA. Accessories. AUSTRMAT™ 220 G2

Vacuum pump (100 V, 50–60 Hz)

Art. No. 105205

Vacuum pump (115 V, 50–60 Hz)

Art. No. 105203

Vacuum pump (230 V, 50–60 Hz)

Art. No. 105201

Vacuum pump, version DEKEMA 838.3 R, durable and low-maintenance, with coated, flow-optimized aluminum pump heads and special vacuum guide for highest vacuum performance.



Ventilation unit, external (100 V, 50–60 Hz)

Art. No. 106499-01

Ventilation unit, external (115 V, 50–60 Hz)

Art. No. 106499-01

Ventilation unit, external (230 V, 50–60 Hz)

Art. No. 106500-01

Ventilation unit for connecting a vacuum pump to vacuum furnaces without integrated solenoid valve.



Firing table, fibre

Art. No. 101733

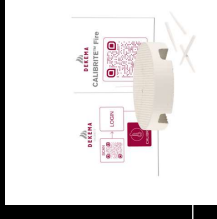
Firing table for use in furnaces with fiber insulation.



CALIBRITE™ fire set

Art. No. 101817-01

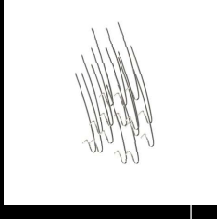
Silver wire calibration set for exact temperature adjustment of firing furnaces, as well as of press furnaces with single-plunger press system.



CALIBRITE™ fire wire

Art. No. 101821-01

15 pre-formed silver wires for precise temperature calibration of firing furnaces, as well as of press furnaces with single-plunger press system.



Firing tray, set

Art. No. 106490

Firing tray, set of temperature-optimized honey-comb tray and 10 ceramic pins for exact positioning of firing objects.



Tweezers, DEKEMA logo

Art. No. 105236

Furnace tweezers for safe handling of firing objects.



DEKEMA. Technical data.

	AUSTRORMAT™ 220 G2	AUSTRORMAT™ 624	AUSTRORMAT™ 624/TM	AUSTRORMAT™ 654	AUSTRORMAT™ 654/TM
Size (W x H x D)	10,47" x 20,91" x 10,16"	15,08" x 25,71" x 13,50"	15,08" x 25,71" x 13,50"	15,08" x 25,71" x 13,50"	15,08" x 25,71" x 13,50"
Weight	28,5 lbs	38,5 lbs	42 lbs	48,5 lbs	53 lbs
Power supply	95 – 105 V/50–60 Hz or 110 – 125 V/50–60 Hz or 220 G2 – 240 V/50–60 Hz	95 – 105 V/50–60 Hz or 110 – 125 V/50–60 Hz or 220 G2 – 240 V/50–60 Hz	95 – 105 V/50–60 Hz or 110 – 125 V/50–60 Hz or 220 G2 – 240 V/50–60 Hz	95 – 105 V/50–60 Hz or 110 – 125 V/50–60 Hz or 220 G2 – 240 V/50–60 Hz	95 – 105 V/50–60 Hz or 110 – 125 V/50–60 Hz or 220 G2 – 240 V/50–60 Hz
Maximum power supply	1,500 W	1,500 W	1,500 W	1,500 W	1,500 W
T _{max}	1,100 °C	1,200 °C	1,200 °C	1,200 °C	1,200 °C

DEKEMA. Device equipment.

	AUSTRORMAT™ 220 G2	AUSTRORMAT™ 624	AUSTRORMAT™ 624/TM	AUSTRORMAT™ 654	AUSTRORMAT™ 654/TM
Housing: Aluminum	☺	☺	☺	☺	☺
Corporate Design Customization	–	optional	optional	optional	optional
Touchscreen	4,3", color	7,5", color	10,4", color	7,5", color	10,4", color
USB interface/Ethernet interface	– / –	☺ / optional	☺	☺ / optional	☺
Quartz glass heating element: DEKEMA specific heating element coil guided in pure quartz glass	☺	☺	☺	☺	☺
Fiber insulation: DEKEMA specific fiber insulation	☺	☺	☺	–	–
DEKEMA stone insulation: internally fabricated, specific stone insulation	–	–	–	☺	☺
DEKEMA vacuum pump	optional	☺	☺	☺	☺
DEKEMA ventilation unit	optional	integrated	integrated	integrated	integrated
DEKEMA AutoDry™	–	☺	☺	☺	☺
MPTA (Multiple Press Time Automatic)	–	–	–	☺	☺