



# AUSTROMAT™ 220

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## The DEKEMA for starters. No compromise on results.

### compact – precise – full-featured

- » Stand-alone furnace with optional vacuum pump
- » 13 kg stable
- » long lasting quality, using noble, light materials
- » Firing, glazing, crystallization and infiltration with and without vacuum
- » Place – power – perform

### DEKEMA. Chamber.

- » Well known from the high quality AUSTROMAT™ Series 6 Firing Furnace
- » Designed decades ago, operated for decades, optimized over decades
- » Unique, homogeneous energy distribution
- » Fiber insulation of purest quality in highest precision design



### **DEKEMA. Heating.**

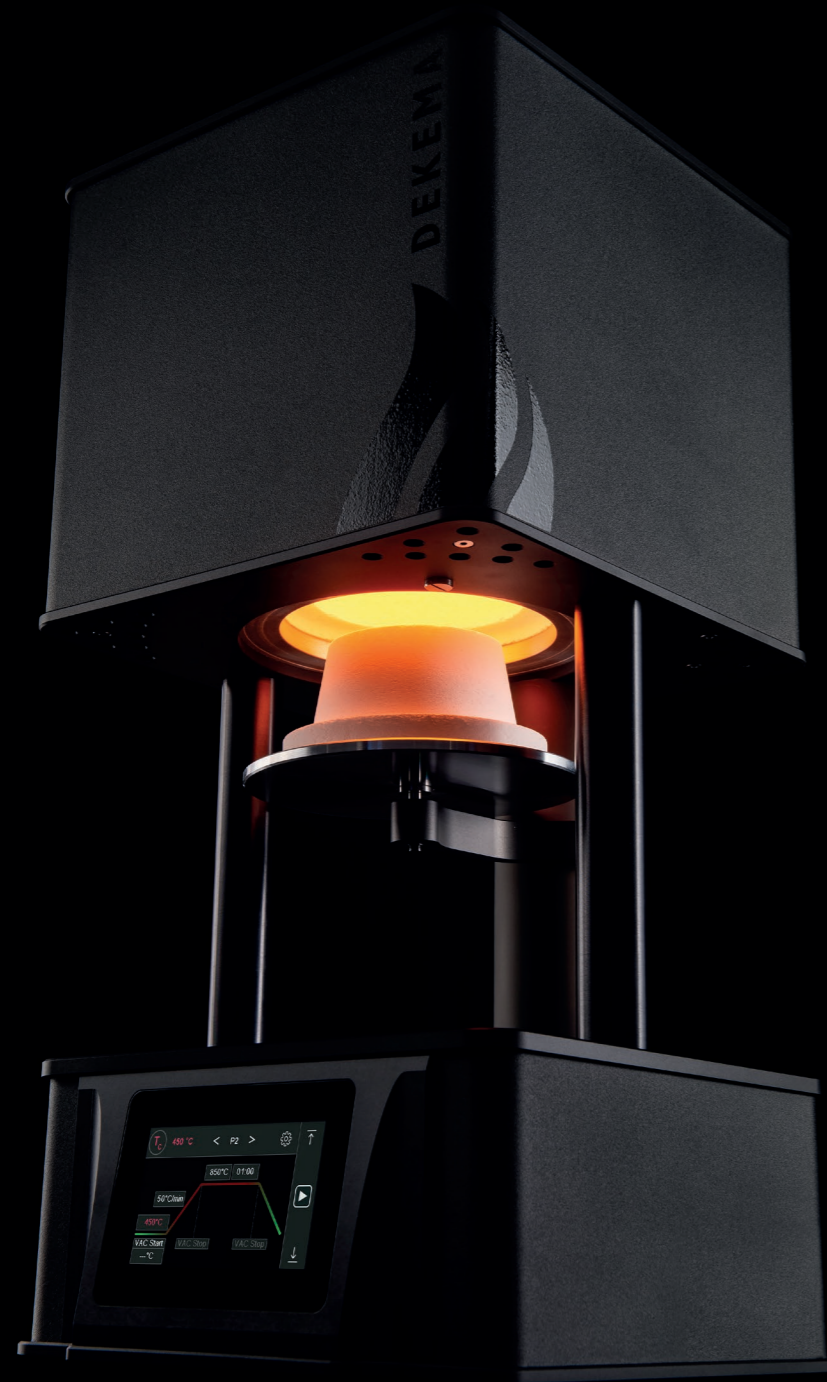
- » Well known from the high quality AUSTROMAT™ Series 6 Firing Furnace
- » Manufactured in house by DEKEMA
- » Unsurpassed durability and longevity

### **DEKEMA. Firing table.**

- » Well known from the high quality AUSTROMAT™ Series 6 Firing Furnace
- » Physically defined fiber insulation table of outstanding purity
- » Usable with common firing trays

### **DEKEMA. Casing.**

- » Fan free, integrated convection cooling
- » Corrosion free, lightweight aluminum housing
- » Kept in matt black



### **DEKEMA. Thermocouple & Control.**

- » Well known from the high quality AUSTROMAT™ Series 6 Firing Furnace
- » Platinum/platinum-rhodium thermocouple of the purest quality and a controlled accuracy far below 1°C
- » Temperature calibration at only one measuring point through the DEKEMA calibration set, unmatched in precision

### **DEKEMA. Lift system.**

- » Smooth lift movement
- » Durable stainless steel design
- » Freely selectable drying position

### **DEKEMA. User Interface.**

- » Language independent icon surface
- » Touch operation with 100 programs
- » Independent vacuum start





















## Optional. For maximum flexibility.
























### DEKEMA. Vacuum pump.

- » Self-cooling aluminum heads
- » Low contamination Trenn Coat™ coating
- » Straight air flow
- » Low maintenance design
- » Self-cleaning feature
- » Specific shell

# DEKEMA. Device equipment.

	AUSTROMAT™ 220	AUSTROMAT™ 624	AUSTROMAT™ 624i™
Size (WxHxD)	10" x 21" x 10"	15" x 26" x 14"	15" x 26" x 14"
Weight	28,5 lbs	38,5 lbs	42 lbs
Power Supply	230 V / 50 – 60 Hz	230 V / 50 – 60 Hz	230 V / 50 – 60 Hz
Maximum Power Supply	1.500 W	1.500 W	1.500 W
T <sub>max</sub>	1.100 °C	1.200 °C	1.200 °C
Touchscreen	4,3 Zoll, color	7,5 Zoll, color	10,4 Zoll, color
USB interface / Ethernet interface	- / -	 / optional	
DEKEMA Autodry™	-		
Housing: Aluminium			
Corporate Design Customization	-	optional	optional
Quartz glass heating element: DEKEMA specific heating element coil guided in pure quartz glass			
Fiber insulation: DEKEMA specific fiber insulation			
Fiber insulation table: For firing porcelain, adapted to the dimensions of the furnace			
DEKEMA Vakuum pump	optional		

# DEKEMA. Software Features.

	AUSTROMAT™ 220	AUSTROMAT™ 624	AUSTROMAT™ 624i™
DEKEMA Internet database access for registered users			
DEKEMA Internet database furnace connectivity	–	optional	
Internet program streaming	–	–	
Cloud: Data management in the DEKEMA Circle	–	–	
IoT (Internet of Things: If the DEKEMA furnace is registered in the DEKEMA online portal, the user benefits from a secure backup of the process data and a fast service to minimize downtime.)	–	–	
iDREAM: VNC-Viewer for remote control	–	optional	
X-DREAM: Computer program for querying the furnace state and emailing QM data	–	optional	
QM (quality management): Record of process files	–	optional	
USB: Transferring firing programs (dds)	–		
USB: Transferring fotos (jpeg)	–		
USB: Storage of QM files (dfl)	–	optional	
USB: Storage of Printouts	–		
USB: Backup/Update	–		
Internet: Backup/Update	–	optional	
FTP-Server	–	optional	
FTP-Client	–	optional	
OPC: Software server to incorporate quality management into ERP systems	–	optional	optional
Programming languages	–	Classic, Easy, Professional	Classic, Easy, Professional, Professional Plus
Language-independent program management		–	–



Der Ofen.™

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