

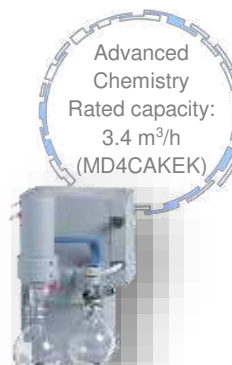
Vacuum Oven



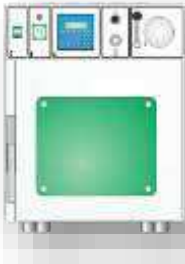

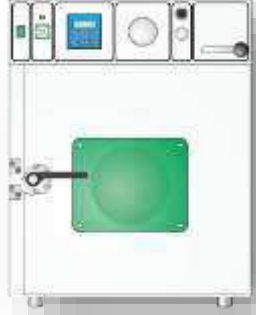
- ✓ Drying in vacuum down to 1 mbar
- ✓ Low temperature evaporation
- ✓ Drying curves determination
- ✓ Dry mass determination
- ✓ Pilot vacuum drying



Vacuum pumps:

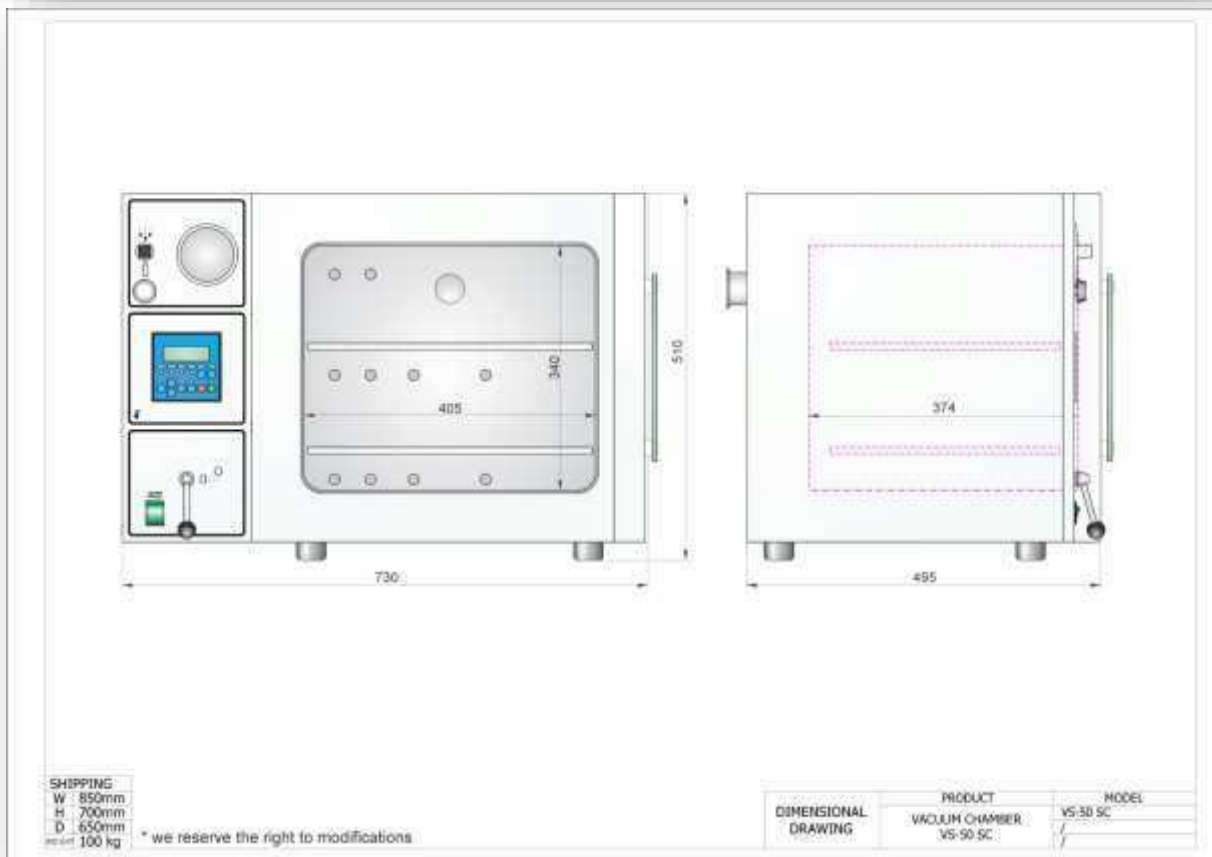
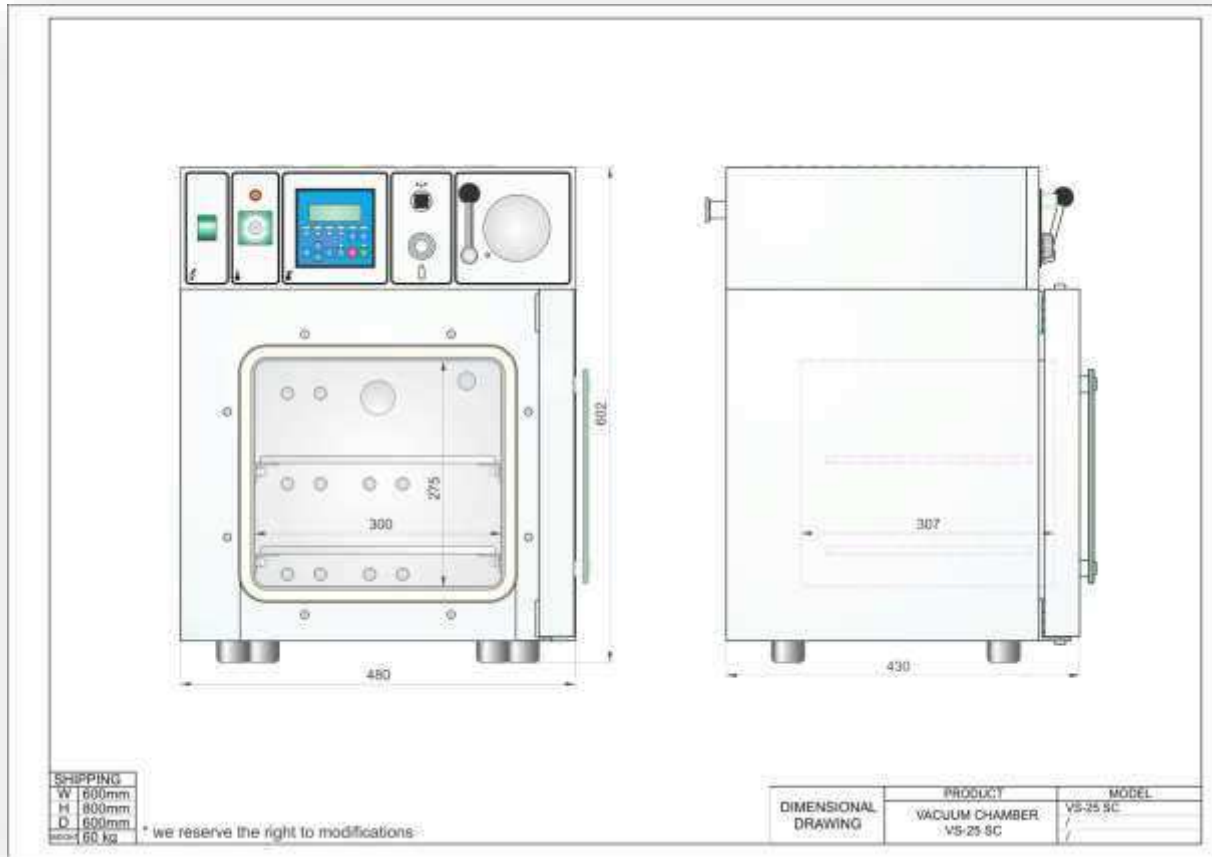


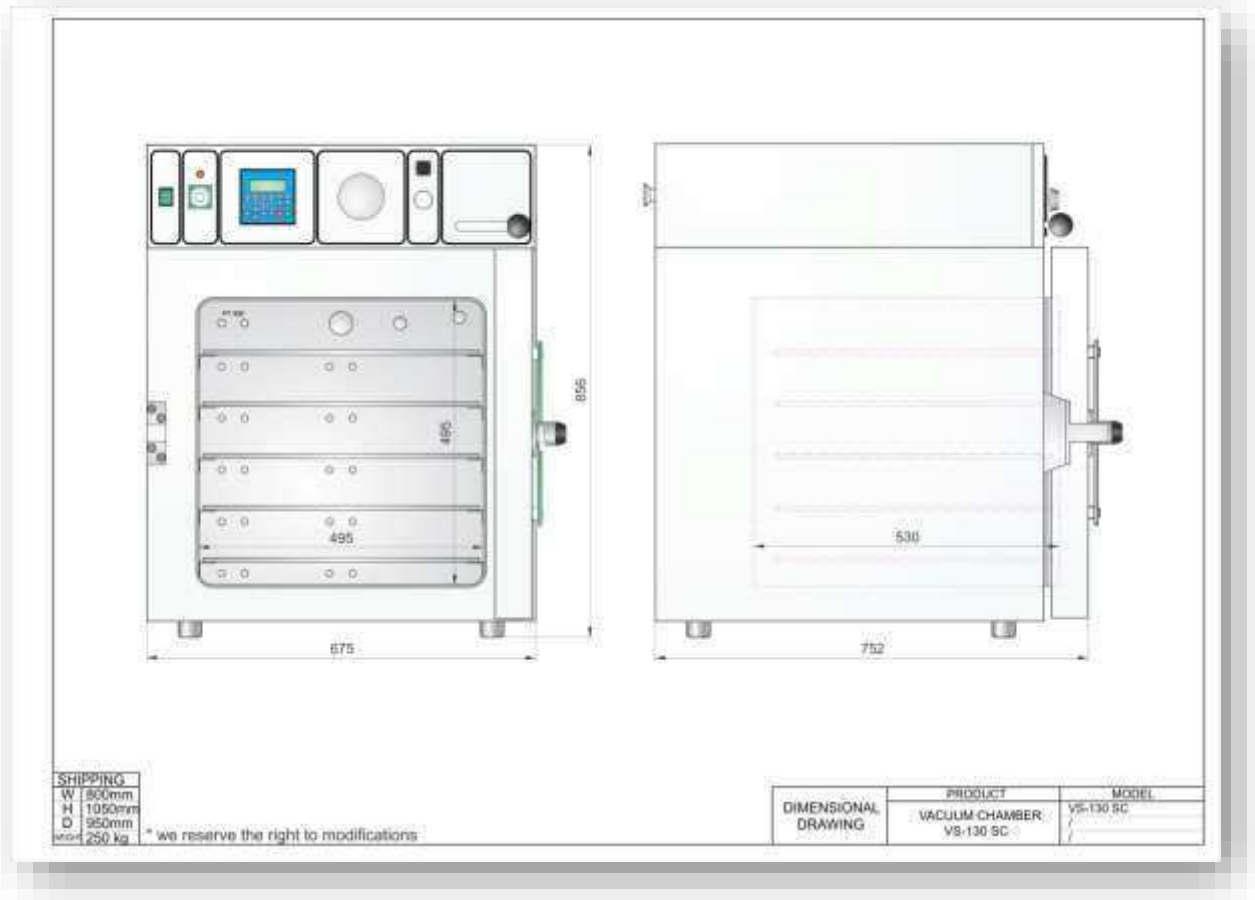
Technical data:

	VS-25 SC	VS-50 SC	VS-130 SC
			
External dimensions (WxHxD) in mm	480 x 602 x 430	730 x 510 x 495	670 x 856 x 725
Internal dimensions (WxHxD) in mm	300 x 275 x 307	405 x 340 x 370	495 x 495 x 530
Volume (L)	25	50	130
Temperature range (°C)	T _{ambient} ...200°C	T _{ambient} ...200°C	T _{ambient} ...200°C
Temperature display resolution (°C)	0,1	0,1	0,1
Temperature set resolution (°C)	0,1	0,1	0,1
Temperature stability (°C)	0,1	0,1	0,1
Temperature uniformity (°C)	± 0,4°C @ 60°C ± 0,7°C @ 100°C ± 0,8°C @ 150°C	± 0,7°C @ 60°C ± 0,8°C @ 100°C ± 1,1°C @ 150°C	± 0,5°C @ 60°C ± 0,6°C @ 100°C ± 1,6°C @ 150°C
Shelve	2	2	5
Shelve dimension (mm)	280 x 245	400 x 320	480 x 480
Shelve inter-distance (mm)	~80	~100	~70
Heat-up rate	~ 2 °C / min	~ 2 °C / min	~ 2 °C / min
Temperature control	PID	PID	PID
Power supply	230V ; 50 Hz	230V ; 50 Hz	3 x 400V ; 50 Hz
Wattage (W)	2000	2500	5000
Interface	RS 232 or USB or Ethernet	RS 232 or USB or Ethernet	RS 232 or USB or Ethernet
Access port (standard)	NW-40	NW-40	NW-40
Noise (dBA) @ 1 m distance	NA	NA	NA
Weight (kg)	53	98	236

Ordering information and accessories:

Description	Part no.
Vacuum oven VS-25 SC	202
Vacuum oven VS-50 SC	204
Vacuum oven VS-130 SC	208
Vacuum pump basic oil rotary vane 180L/min (RS9D)	1704
Vacuum pump advanced oil rotary vane 5,8m ³ /h (RV-5)	1705
Vacuum pump advanced chemistry 3,4m ³ /h (MD4CAKEK)	1707
Vacuum pump advanced dry 12,7m ³ /h (nXDS10i)	2626
USB interface	1466
Ethernet interface	1716
VS Software Monitoring & History	1663
Evaluation report	1719
Trolley for VS-25 SC	2617
Trolley for VS-50 SC	2618
Trolley for VS-130 SC	2619





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