Richmond Scientific

Data sheet

print date: 2026-11-06

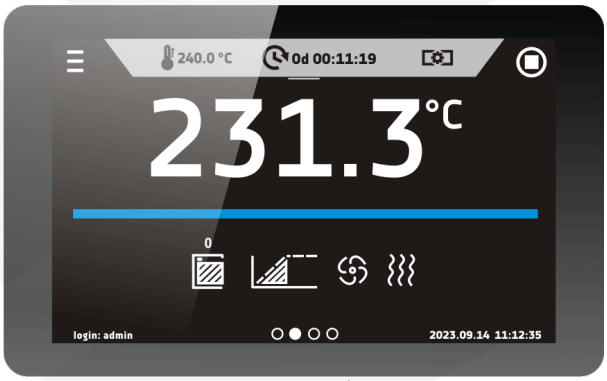
Drying Oven

SLW 750 Smart PRO



The photo above is for reference only, may show additional options not included in standard equipment. The real appearance, particularly color and structure of the material may differ from the ones presented in the photo.

Advantages of the SMART PRO controller:
- large (7”), clear, full colour touch screen
- LAN, USB ports and WiFi for communication and data transfer
- multi-segment time and temperature programs
- overview of data in tabular and graphic form
- visual and sound alarm
- Admin function for management
- password protected log-in
- internal memory for programs and data storage
- event registry with user notifications
- LabDesk software and user manual for direct download

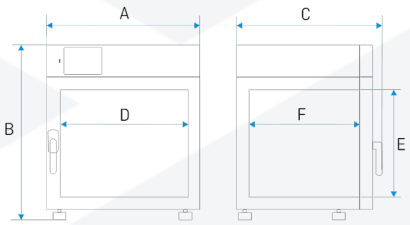


Smart PRO - preview screen

+44 (0) 1257 270 433
harry@richmondscientific.com
Richmond Scientific Limited
Unit 9, Edward Street, Chorley, Lancashire, PR6 0RE

TECHNICAL DATA	
air convection	forced
chamber capacity [l]	915
working capacity [l]	749
controller	microprocessor PID
display	7" full colour touch screen
TEMPERATURE	
temperature range [°C]	5°C above ambient temperature ... +300°C
temperature resolution every ... [°C]	0,1
temperature fluctuation at 105°C [+/-°C]*	0,6
temperature variation at 105°C [+/-°C]*	2,5
temperature protection	class 3.1 to DIN 12880
CHAMBER	
door type	solid / door with viewing window (option)
interior	
Smart PRO	corrosion-resistant stainless steel to DIN 1.4301
IG Smart PRO	corrosion-resistant stainless steel to DIN 1.4301
housing	
Smart PRO	powder coated sheet
IG Smart PRO	stainless steel linen finish

overall dims [mm] /1/	
width A	1260
height B	1600
depth C	880
internal dims [mm]	
width D	1040
height E	1200
depth F	600

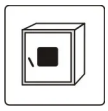
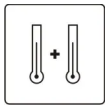
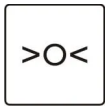
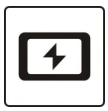


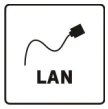
shelves (standard | max)	5 | 16
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	140
- reinforced unit version (W) [kg] /4/	300
weight [kg]	260

ELECTRICAL PARAMETERS	
voltage	400V 50/60Hz
nominal power [W]	5500
warranty	24 months
manufacturer	POL-EKO®

all the above technical data refer to standard units (without optional accessories)
* - fluctuation measured in centre of the chamber; in space, variation (K) calculated for chamber as:
K= +/- (T average max. - T average min.) / 2
** - other power supplies on request
1 - depth doesn't include 50 mm of power cable
2 - on uniformly loaded surface
3 - reinforced shelf
4 - reinforced version

OPTIONS AND ACCESSORIES

	Order number: */A	door with viewing window
	Order number: */PP	Perforated shelf
	Order number: */PW	Reinforced shelf
	Order number: KUW GN*/*	Stainless steel cuvettes
	Order number: */W	Reinforced version
	Order number: OWW/OWW LED	Interior lighting
	Order number: PT 100	Additional temperature sensor
	Order number: HEPA	HEPA Clean Air Filter
	Order number: BRT/*/L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification
	Order number: RFID LOCK (SMART PRO)	RFID LOCK (SMART PRO)
	Order number: BPP 12	Battery backup for display

	Order number: PORT ALARM	Dry alarm contact
	Order number: LANK	LAN cable
	Order number: OCZ/20	Non-standard access port 20 mm
	Order number: OCZ/30	Additional access port 30 mm
	Order number: OCZ/60	Non-standard access port 60 mm
	Order number: OCZ/100	Non-standard access port 100 mm