



prepASH Technical Data

Model	prepASH 229 340-9220-001	prepASH 219 340-9221-001	prepASH 212 340-9222-001	prepASH 129 340-9211-001
Samples, Crucibles				
Samples	29	19	12	29
Turn-table for Precisa Crucibles	yes	yes	no	yes
Turn-table for 12 standard crucibles	optional	optional	yes	no
Precisa silicate ceramic crucibles	35	25	no	35
Precisa aluminum oxide crucibles	optional	optional	no	optional
Standard crucibles (e.g. for flour application)	optional	Optional	15	no
Weighing system				
Weighing range	120 g	120 g	120 g	120 g
Readability	0.0001 g	0.0001 g	0.0001 g	0.0001 g
Minimum sample weight	0.1 g	0.1 g	0.1 g	0.1 g
Heating control system				
Temperature range	50 °C – 1000 °C	50 °C – 1000 °C	50 °C – 1000 °C	50 °C – 1000 °C
Temperature stability	+/- 2 %	+/- 2 %	+/- 2 %	+/- 2 %
Process control system				
Maximum program steps	10	10	10	10
Maximum total analysis time	36 h	36 h	36 h	36 h
Auto stop	0.1-100 mg / 1min, 30min, 60min	0.1-100 mg / 1min, 30min, 60min	0.1-100 mg / 1min, 30min, 60min	0.1-100 mg / 1min, 30min, 60min
Atmosphere				
Oxygen, 0/3/6/9 l/min	optional	optional	optional	optional
Nitrogen, 0/3/6/9 l/min	optional	optional	optional	optional
Air, 0/3/6/9 l/min	optional	optional	optional	optional
Exhaust	yes	yes	yes	yes
Absorption unit for sulphuric acid	optional	optional	optional	optional
Results				
Weight loss / Residual weight	%, ‰, g	%, ‰, g	%, ‰, g	%, ‰, g
Weight loss / Residual weight related to pre-interval	%, ‰, g	%, ‰, g	%, ‰, g	%, ‰, g
Monitoring				
Remote on PC via Network	yes	yes	yes	no
Acoustic	yes	yes	yes	yes
Operation				
Display	5.7" VGA color	5.7" VGA color	5.7" VGA color	5.7" VGA color
Keyboard	touch screen	touch screen	touch screen	touch screen
Menu-controlled	yes	yes	yes	yes
PC independent operation	yes	yes	yes	yes
Sample list, preparation and evaluation on PC via network	yes	yes	yes	no



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Sample preparation outside (with balance)	yes	yes	yes	yes
Printout				
Graphic	yes	yes	yes	yes
Table	yes	yes	yes	yes
Method	yes	yes	yes	yes
Memory capacity				
Methods	unlimited	unlimited	unlimited	unlimited
Measured values	unlimited	unlimited	unlimited	unlimited
Data output, interfaces				
RS232 Interface for external weighing in	with USB converter	with USB converter	with USB converter	yes
USB for Printer	yes	yes	yes	no
USB for Barcode Scanner	yes	yes	yes	no
USB for Memory stick	yes	yes	yes	no
USB for external weighing in	yes	yes	yes	no
Ethernet for Printer	yes	yes	yes	no
Ethernet for PC-Data-evaluation	yes	yes	yes	no
Ethernet for PC-Remote-observation	yes	yes	yes	no
Ethernet for PC-Remote-support	yes	yes	yes	no
Calibration				
Balance	2 point	2 point	2 point	2 point
Temperature	2 point	2 point	2 point	2 point
Connection				
Mains voltage	230 VAC (+15/-20 %)	230 VAC (+15/-20 %)	230 VAC (+15/-20 %)	230 VAC (+15/-20 %)
Frequency	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz
Current input	15 A	15 A	15 A	15 A
Weigh and dimensions				
Weight	99 kg	99 kg	99 kg	99 kg
Dimensions (H) Height with cover opened	H (H) x W x D / 620 (980) x 590 x 870 mm	H (H) x W x D / 620 (980) x 590 x 870 mm	H (H) x W x D / 620 (980) x 590 x 870 mm	H (H) x W x D / 620 (980) x 590 x 870 mm