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Model	PAL series
Sample size (ml)	0,3
Response time	3 seconds (typical)
Power supply	2x AAA batteries
WxDxH (mm)	55x31x109
Weight (g)	100

Description	Range	Precision	Pk	Cat. No.
PAL-1	0 - 53 °Brix	±0,2 °Brix	1	635-0153
PAL-2	45 - 93 °Brix	±0,2 °Brix	1	635-0154
PAL-3	0 - 93 °Brix	±0,1 °Brix	1	635-0214
PAL- Alpha	0 - 85 °Brix	±0,2 °Brix	1	635-0363
PAL-RI	1,3306 - 1,5284 nD	±0,0003 nD	1	635-0364
PAL-03S salinity	0 - 28% NaCl	±0,2% NaCl	1	635-0155
PAL-22S moisture % in honey	12 - 30%	±0,2%	1	635-0156
PAL-88S Coolant, propylene glycol % / freezing point (°C)	0 - 90% / -50...0 °C	±0,4% / ±1	1	635-0158
PAL-91S Coolant, ethylene glycol % / freezing point (°C)	0 - 70% / -50...0 °C	±0,4% / ±1	1	635-0160

There are over 80 special scales for the PAL series available on request for a variety of products; dextran, fructose, glucose, lactose, maltose, honey, soya milk, sea water, citric acid.

Handheld refractometers, Refracto 30PX/30GS Mettler-Toledo



Refracto 30GS



These refractometers, which use the total reflection method, are handheld instruments for measurements in the laboratory and production environments. The backlit LC display and the simple intuitive menu structure allow the user to easily change settings in seconds. The sample can either be placed on the measurement cell or the sensor can be immersed directly into the fluid. The results can be displayed in a wide variety of standard units and also units applicable to antifreeze and wine measurement as well as customised applications.

- Automatic temperature compensation
- Use as a handheld or bench top instrument
- Choice of use - immerse sensor in liquid or add sample to cell
- Storage of up to 1100 results and easy transfer with IR interface (adapter accessory 635-0117 required)
- Refracto GS has sapphire prism and thus extended range and faster response

Delivery information: Supplied with carry case, HelloCD™ software, 2xAAA batteries, cleaning tissues, 2xLDPE pipettes, two PE vials and operating instructions.

Model	Refracto 30PX/30GS
Response time	3 - 180 seconds
Operating temperature range (°C)	10 - 40
Interfaces	Infrared for printer or PC
Power supply	2xAAA batteries
Weight (g)	~250

Description	Range	Precision	Pk	Cat. No.
Refracto 30PX	1,32 - 1,50 nD; 0 - 85 °Brix	±0,0005 nD; 0,1 °Brix	1	635-0445
Refracto 30GS	1,32 - 1,62 nD; 0 - 85 °Brix	±0,0005 nD; 0,1 °Brix	1	635-0446

Description	Pk	Cat. No.
Accessories		
Infrared adapter / RS232 DB9M	1	635-0117