Technical Specification

Technical Specifications		MiniTest 720	MiniTest 730	MiniTest 740
Sensor type:	– built-in sensor	●		
	– external sensor		●	
	– convertible from external to built-in sensor			●
Convertible sensors with measuring ranges up to 15 mm				●
Automatic substrate identification with FN sensors		●	●	●
Increased accuracy and reproducibility through sensor-integrated signal processing (SIDSP®)		●	●	●
High-accuracy sensor characteristics through up to 50 calibration points during the sensor manufacture		●	●	●
Individual temperature compensation		●	●	●
Number of memories		10	10	100
Total memory capacity		max. 10,000	max. 10,000	max. 100,000
User-definable memory arrangement according to batches		●	●	●
Batches include readings, a defined calibration mode, parameters and statistics calculated from batch readings		●	●	●
Statistical evaluation:	Number of readings	●	●	●
	Minimum, maximum, mean value	●	●	●
	Standard deviation	●	●	●
	Coefficient of variation	●	●	●
Single readings statistics:	Block value statistics (norm-conforming/user configurable)	●	●	●
	Stored readings and statistical values can be called separately	●	●	●
	Print-out of readings and statistics on MiniPrint 7000 data printer	●	●	●
	Transfer of readings and statistics to a PC	●	●	●
Calibration modes:	Factory calibration	●	●	●
	Zero-point, 2-points and 3-points calibration, calibration method “Rough”	●	●	●
	User-adjustable off-set value	●	●	●
	User-adjustable correction value for substrate roughness	●	●	●
International calibration procedures: ISO, SSPC, “Swedish”, “Australian”		●	●	●
Monitoring of tolerances:	Visual and audible alarm in case of deviations	●	●	●
	Measuring system switchable from metric (µm, mm, cm) to imperial (mils, inch, thou)	●	●	●
Large graphical display, backlit, 180° rotatable		●	●	●
User-friendly menu-controlled operation in up to 25 languages		●	●	●
Sensor and gauge software updates available via download		●	●	●
Measuring rate/accuracy user adjustable to „standard, quick, high precision“		●	●	●
Continuous mode for quick identification of changes in thickness		●	●	●
Battery-saving mode with adjustable switch-off mode		●	●	●
Gauge housing protection type IP 40		●	●	●
Operating temperature –10°C … 60°C		●	●	●
Storage temperature –20°C … 70°C		●	●	●
Data port IrDA 1.0 (infrared)		●	●	●
Power supply 2 x AA (Mignon cells), rechargeable NiMH accu batteries type AA/HR6 (as an option)		●	●	●
Power source option adjustable to adapt to the corresponding working voltage		●	●	●
Norms and standards: DIN EN ISO 1461, 2064, 2178, 2360, 2808, 3882, 19840, ASTM B 244, B 499, D7091, E 376, AS 3894.3, SS 1841 60, SSPC-PA 2		●	●	●

ElektroPhysik

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