

KERN MLS50-3D

Infrared moisture analyzer with graphics display and a vast database



Power supply

Input voltage:	230 V AC 50 Hz
n/a:	EURO

Service

DAkkS Certificate:	963-127
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Category

Brand:	KERN
Product Group:	Moisture analyser

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	470 x 380 x 340 mm
Gross weight:	6,100 kg
Net weight:	4,800 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Level indicator:	yes
Material weighing plate:	Aluminium dish
Overall dimensions mounted (WxDxH):	206 x 333 x 192 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	120 x 120 x 20 mm
Weighing surface (d):	90

Measuring system

Adjustment options:	External calibration
Linearity:	3 mg
Measuring range [Max]:	160 °C
n/a:	2 g
Readout (moisture):	0
Readout [d]:	1 mg
Reproducibility:	1 mg
Resolution:	50000
Stabilisation time:	3 s
Tare range:	50 g
Warm up time:	2 h
Weighing range [Max]:	50 g
Weighing system:	Force compensation
Weighing units:	% ATRO % Feuchte % rH % Trockenmasse g

Display

Display digit height:	1,400 cm
Display digit height:	4 mm

Functions

Time display:	yes
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Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C
Minimum humidity:	0 %