

KERN DLB 160-3A

Moisture analyser with intuitive graphics display and step-by-step user guidance in 6 languages



Functions

Standby function: yes

Environmental conditions

Maximum humidity: 75 %

Maximum operating temperature: 35 °C

Minimum ambient temperature: 5 °C

Minimum humidity: 45 %

Power supply

Input voltage: 220 V -240 V AC; 50Hz
60Hz

Services (optional)

DAkkS Certificate: 963-127

Factory calibration certificate
(temperature): 964-305

Category

Brand: KERN

Product Group: Moisture analyser

Packaging & shipping

Delivery: 24 h

Dimensions packaging (WxDxH): 280 x 450 x 400 mm

Gross weight: 6,500 kg

Net weight: 4,700 kg

Shipping method: Parcel service

Construction

Casing material: Plastic

Dimensions housing (WxDxH): 215 x 345 x 235 mm

Level indicator: yes

Revolving screw feet: yes

Weighing surface (d): 100

Piktogramme

STANDARD



OPTION



Measuring system

Adjustment options: External calibration

Eccentric loading at 1/3 [Max]: 5 mg

Linearity: 3 mg

Measuring capacity [Max]: 160 °C

Minimum weight (USP): 2 g

Readability (moisture): 0,010 %

Readability [d]: 1 mg

Repeatability: 1 mg

Resolution: 160000

Stabilisation time under laboratory
conditions: 4 s

Tare range: 160 g

Warm up time: 2 h

Weighing capacity [Max]: 160 g

Weighing system: Strain gauge

Weighing units: mg % Trockenmasse % rH g

Display

Display digit height (large): 1,100 cm

Display digit height (small): 4 mm

Technical data about verification

Minimum load [Min]: 20 mg

KERN DLB 160-3A110V

Moisture analyser with intuitive graphics display and step-by-step user guidance in 6 languages



Environmental conditions

Maximum humidity:	75 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C
Minimum humidity:	45 %

Power supply

Input voltage:	100-120V AC; 50/60 Hz
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Services (optional)

Factory calibration certificate (temperature):	964-305
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Category

Brand:	KERN
Product Group:	Moisture analyser

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 450 x 400 mm
Gross weight:	6,500 kg
Net weight:	4,700 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	215 x 345 x 235 mm
Level indicator:	yes
Revolving screw feet:	yes
Weighing surface (d):	100

Piktogramme

STANDARD



OPTION



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	3 mg
Measuring capacity [Max]:	160 °C
Minimum weight (USP):	2 g
Readability (moisture):	0,010 %
Readability [d]:	1 mg
Repeatability:	1 mg
Resolution:	160000
Stabilisation time under laboratory conditions:	4 s
Warm up time:	2 h
Weighing capacity [Max]:	160 g
Weighing system:	Strain gauge
Weighing units:	mg % Trockenmasse % rH g

Display

Display digit height (large):	1,100 cm
Display digit height (small):	4 mm

Technical data about verification

Minimum load [Min]:	500 mg
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Functions

Standby function:	yes
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