KERN DIS 100-3

High-precision moisture analyzer for demanding analyses



Article codes, product groups & Status information	
Model article-code	DIS 100-3
Model-Serie	DIS
Assortment	Scales
Segment	Laboratory balances
Product group	Moisture analyser
Product usage type	Main article
EAN code (Model)	4045761492981
Planned start date	2026-1HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	IN

Technical data - Primary	
Weighing capacity	120 g
Readability	0,001 g
Repeatability	0,002 g

Technical data - Construction	
Bubble Level	Yes
Material weighing plate	Aluminium
Revolving screw feet	Yes
Overall dimensions mounted (W×D×H)	211×342×187 mm
Weighing surface (d)	95 mm

Technical data - Display	
Display height	15 mm
Backlight	Yes

Technical data - Power supply	
Mains adapter/adapter included	EURO
Input Voltage	230 V AC, 50 Hz
Interfaces	RS-232 standard;USB-Device

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,003 g
Measuring capacity [Max]	175 °C
Minimum weight (USP)	4 g
Readability (moisture)	0,001%
Stabilisation time under laboratory conditions	3 s
Warm up time	120 min

Technical data - Environmental conditions	
Maximum humidity	85 %
Maximum operating temperature	30 °C
Minimum ambient temperature	15 °C
Minimum humidity	25 %

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	325×390×285 mm
Gross weight	5,0 kg

Net weight	5,0 kg
Shipping method	Parcel service
Packaging component - by weight - paper	297 g
Packaging component - by weight - cardboard	1,7 kg
Packaging component - by weight - plastics	50 g
Packaging component - by weight - foam	208 g
Delivery time	1 d

Technical data - Moisture analyzing

Minimum drying temperature	30 °C

Optional Services

DAkkS Calibration	963-127
ISO temperature calibration	964-305

Functions

Standard



Option

