# KERN DIS 50-4

High-precision moisture analyzer for demanding analyses, particularly suitable for plastic granulate



| Article codes, product groups & Status information | |
|---|---|
| Model article-code | DIS 50-4 |
| Model-Serie | DIS |
| Assortment | Scales |
| Segment | Laboratory balances |
| Product group | Moisture analyser |
| Product usage type | Main article |
| EAN code (Model) | 4045761492998 |
| Planned start date | 2026-1HJ |
| Customs tariff number | 90160010 |
| CE Label | Yes |
| Country of Origin | IN |

| Technical data - Primary | |
|---|---|
| Weighing capacity | 50 g |
| Readability | 0,0001 g |
| Repeatability | 0,0002 g |

| Technical data - Construction | |
|---|---|
| Bubble Level | Yes |
| 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 | ± 0,0003 g |
| Measuring capacity [Max] | 175 °C |
| Minimum weight (USP) | 400 mg |
| Readability (moisture) | 0,0001% |
| Stabilisation time under laboratory conditions | 4 s |
| Tare range | 50 g |
| Warm up time | 4 h |

| 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 | 7 kg |

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| | |
|---|---|
| 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

