

# KERN DBS 60-3

Moisture analyzer with high-quality single-cell weighing system for outstanding stability, reliability and response speed



## Article codes, product groups & Status information

|                       |                     |
|-----------------------|---------------------|
| Model article-code    | DBS 60-3            |
| Model-Serie           | DBS                 |
| Assortment            | KERN                |
| Product Type          | Laboratory balances |
| Product group         | Moisture analyser   |
| Product usage type    | Main article        |
| EAN code (Model)      | 4045761124226       |
| Planned start date    | 2012-1HJ            |
| Customs tariff number | 90160010            |
| CE Label              | Yes                 |
| Country of Origin     | PH                  |

## Technical data - Primary

|                   |         |
|-------------------|---------|
| Weighing capacity | 60 g    |
| Readability       | 0,001 g |
| Repeatability     | 0,001 g |

## Technical data - Construction

|                                    |                 |
|------------------------------------|-----------------|
| Bubble Level                       | Yes             |
| Material weighing plate            | Stainless steel |
| Revolving screw feet               | Yes             |
| Overall dimensions mounted (W×D×H) | 204×336×167 mm  |
| Weighing surface (d)               | 95 mm           |

## Technical data - Display

|                |       |
|----------------|-------|
| Display height | 15 mm |
| Backlight      | Yes   |

## Technical data - Power supply

|                                |                            |
|--------------------------------|----------------------------|
| Mains adapter/adaptor included | EURO                       |
| Input Voltage                  | 220 V - 240 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]                       | 200 °C                         |
| Minimum weight (USP)                           | 2 g                            |
| Readability (moisture)                         | 0,01%                          |
| Readability                                    | 0,001 g                        |
| Repeatability                                  | 0,001 g                        |
| Stabilisation time under laboratory conditions | 3 s                            |
| Tare range                                     | 60 g                           |
| Warm up time                                   | 120 min                        |
| Weighing capacity                              | 60 g                           |

## Technical data - Environmental conditions

|                               |       |
|-------------------------------|-------|
| Maximum humidity              | 85 %  |
| Maximum operating temperature | 40 °C |
| Minimum ambient temperature   | 5 °C  |

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Minimum humidity 5 %

## Technical data - Packing & Shipping

Dimensions packaging (W×D×H) 347×470×373 mm

Gross weight 7 kg

Net weight 4,6 kg

Shipping method Parcel service

Packaging component - by weight - paper 297 g

Packaging component - by weight - cardboard 1.110 g

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 50 °C

Maximum drying temperature 200 °C

## Optional Services

DAkKS Calibration 963-127

ISO temperature calibration 964-305

## Functions

### Standard



### Option

DAkKS