PROFESSIONAL MEASURING
SINCE 1844

KERN

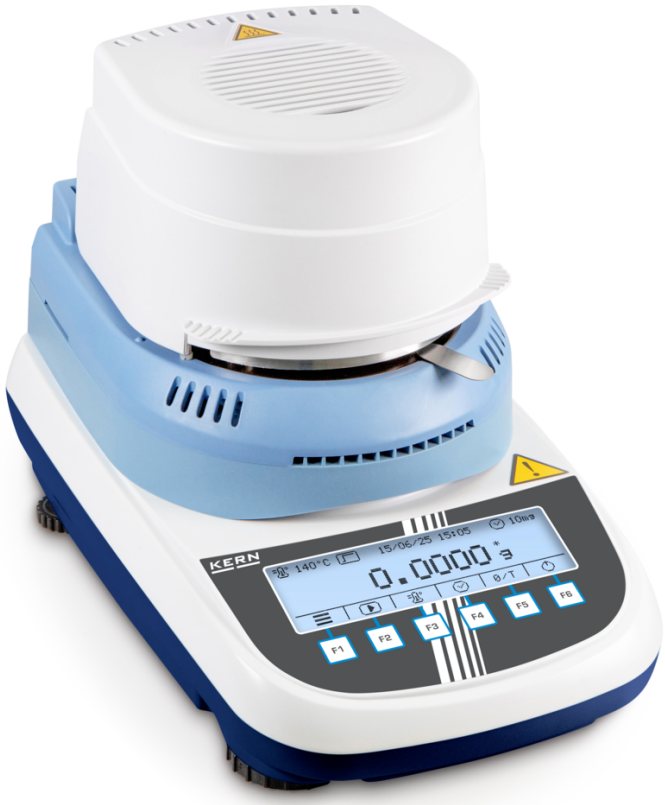
Product brochure

31.10.2026

KERN DLB 60-4A

Moisture analyzer with intuitive graphic display, particularly suitable for plastic granulate

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CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

+49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com







FEATURES

- High-precision moisture analysis, ideal for the plastics industry
- Backlit LCD graphic display, digit height 11 mm
- 6 direct keys for rapid access to the main functions
  Home screen:
  [[1]] Main menu
  [[2]] Start drying process
  [[3]] Select drying temperature
  [[4]] Select shut-off criteria
  [[5]] Setting to zero/taring
  [[6]] Stand-by
  During measurement:
  [[7]] Current temperature
  [[8]] Current heating profile
  [[9]] Active switch-off criteria
  [[10]] Abort drying process
  [[11]] Stop drying process
  [[12]] Display current drying parameters
  [[13]] Toggle the unit for displaying the results
  At the end of the measurement:
  [[14]] Exit drying program
  [[15]] Print measurement report
  [[16]] (De)activate, edit GLP parameters
  [[17]] Display detailed result
  [[18]] Toggle the unit for displaying the results
- 400 W halogen-quartz glass heater
- User guidance in 6 languages (DE, EN, FR, IT, ES, PT)
- Automatic taring when starting a measurement by closing the lid
- The last value measured remains on the display until it is replaced by a new measurement
- [[19]] Internal GLP; printout of balance ID, project ID, user ID, values determined by the drying process etc.
- 10 sample plates included
- Protective working cover included with delivery
- Application handbook: In the download centre you will find a practical application handbook containing many examples, field reports, settings and tips for each KERN moisture analyzer

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MAIN SCOPE OF APPLICATIONS

- Food industry
- Environmental analysis
- Research and development
- Agricultural industry
- Water management

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	possible moisture content	possible dry content	Temperature range (in steps up to)
DLB 60-4A	60 g	0,0001 g	0,01% - 100%	100% - 0,01%	35 °C - 160 °C (1 °C)
DLB 160-3A	160 g	0,001 g	10% - 100%	100% - 10%	35 °C - 160 °C (1 °C)
DLB 160-3A110V	160 g	0,001 g	10% - 100%	100% - 10%	35 °C - 160 °C (1 °C)

ACCESSORIES

Model	Description
316-05	Test weight 316-05 (OIML Class E2, Nominal value 20 g, Compact form, stainless steel polished)
572-926	RS232 interface cable 572-926
822-903	Power cord (UK) 822-903
ALJ-A01	Protective working cover ALJ-A01
ALJ-A01S05	Protective working cover ALJ-A01S05, scope of delivery: 5 items
DLB-A01N.	Temperature calibration set DLB-A01N.
RH-A01	Sample plates aluminium RH-A01
RH-A02	Round fibre glass filter KERN RH-A02
RH-A03	Round fibre glass filter KERN RH-A03
YKC-01	Thermal printer YKC-01
YKG-01	Dot Matrix Printer YKG-01
YKH-01	Thermal printer YKH-01

Model	Description
YKI-10	RS232-Ethernet adapter YKI-10 (RS-232 standard, Ethernet, RS-485)
YKI-11	RS232-Ethernet adapter YKI-11 (Ethernet, RS-232 standard - 2x)
YKI-12	RS232-WiFi adapter YKI-12
YKK-01	Power cord (CH) YKK-01
YKT-01	Needle printer YKT-01

SOFTWARE

Model	Description
SCD-4.0-DL	Software SCD-4.0-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-DLS05	Software SCD-4.0-DLS05 (Scope of supplies: Download link for 5 licenses)
SCD-4.0-PRO-DL	Software SCD-4.0-PRO-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-PRO-DL-AS05	Software SCD-4.0-PRO-DL-AS05 (Scope of supplies: Download link for 5 licenses)

SERVICES

Model	Description
963-103	DAkkS calibration certificate 963-103
964-305	Factory calibration certificate (Temperature) 964-305
969-517	Confirmation of the manufacturer’s specification (only in combination with DAkkS calibration certificate)969-517
970-108	Warranty extension (+2 years) 970-108

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	GLP/ISO protocol: The measuring device generates a GLP-compliant printout
	Value & time: The measuring device displays the value, date, and time, regardless of the connected printer
	Units can be switched to e.g. non-metric units
	Integrated power supply unit: Integrated in device. 230 V/50 Hz standard EU. More standards e.g. GB, USA or AUS on request
	Weighing principle electromagnetic force compensation: Coil inside a permanent magnet. For the most accurate weighings
	Package shipment by courier service: The duration of internal product provision is one day
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days

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