PRODUCT BROCHURE

KERN SCD-4.0-PRO-DL

Date: 30.05.2026

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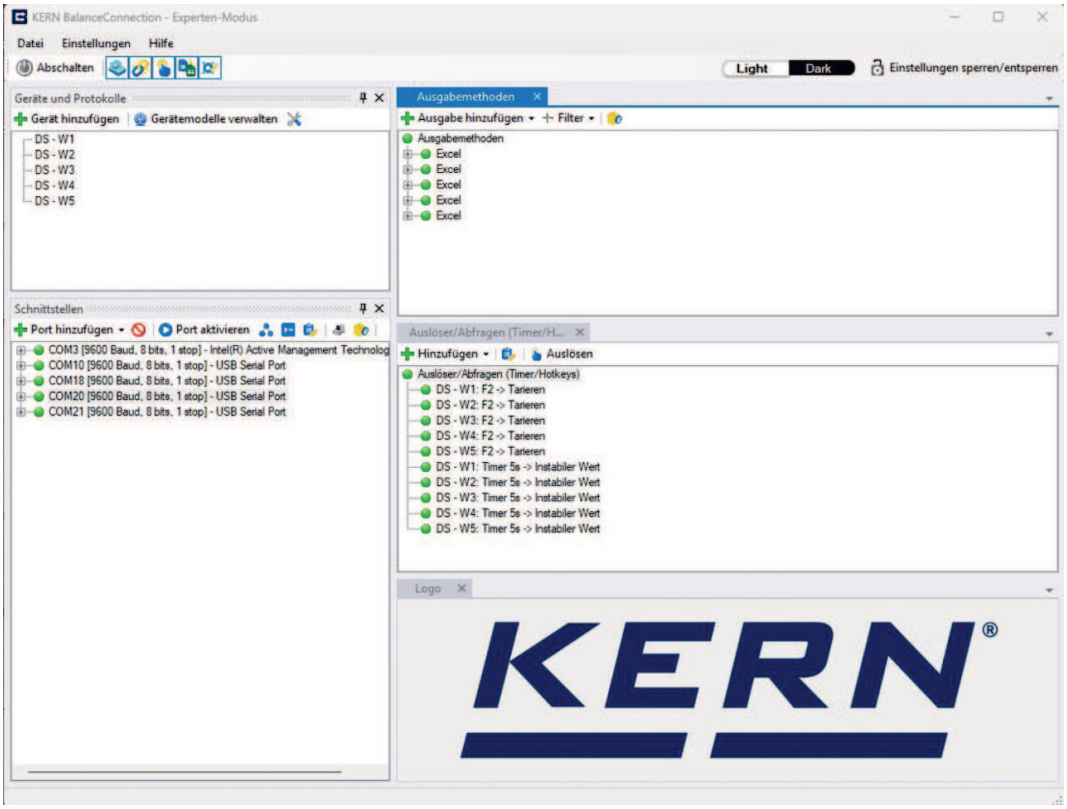

Professional and highly-flexible recording or transfer of measurements, particularly to Microsoft® Excel or Access

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Scan here for more information

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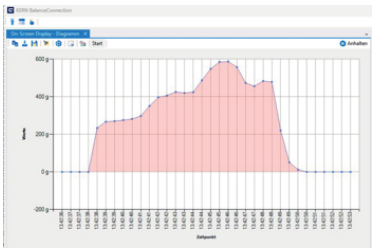
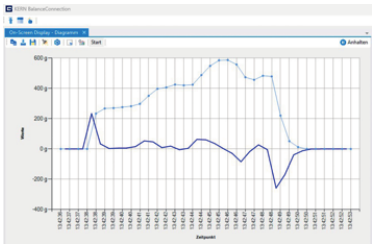
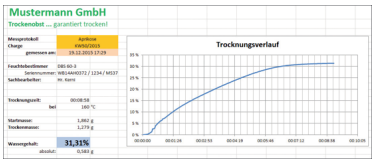
PRODUCT SHOWCASE











DESCRIPTION

- Scope of supplies: Download link for 1 license
- For operating systems Windows 10 (20H2 and newer) or Windows 11 in combination with .NET Framework 4.8.1
- Full administration rights are required for the installation
- Supports balances and measuring devices with USB, RS-232, RS 485, Bluetooth, LAN or WiFi network (TCP/UDP/IP)
- Highly flexible formatting and design of the output (any order and positioning, formatting and rounding), particularly recording of date and time for every value transferred, if required
- Any number of devices/interfaces can be connected, as well as simultaneous and synchronised recording of several balances
- Key-activated or time-controlled interrogation of measurements or trigger of device functions, also for continuous recording
- The interface protocols for KERN balances are already predefined (standard configuration). Support of other balances is possible through flexible configuration
- Compatible interface cable included when you order a KERN balance at the same time

- Many different transfer and recording options:
  - MicrosoftR Excel/Access/Word in the foreground or background
  - Other Windows applications (through key simulation), e.g. shipping software or ERP system (SAP, Sage, etc.)
  - File recording (e.g. as text or CSV file)
  - Print out on text or label printer
- Centralised configuration: Shared storage location for settings with access for all users and administrators
- Diagram functions and filters:
  - Cursor information and zoom enable easy navigation and precise data analysis. The X-axis can be switched between runtime and real time – for maximum flexibility with visualisation
  - Range markers, extended filters such as slope and area calculation, new trend lines and optional display of the last value per data series
- Light/dark design selectable in simple and expert mode. Consistent application across the entire user interface
- Standard devices update: Update the device list via XML file when new devices are published by KERN

Additional features of the BalanceConnection PRO version::

- The data from the diagram, histogram and table can be output in Excel, Word, PDF, CSV and PNG format. The large display is also available as a PNG, Word or PDF file – for a true representation that exactly matches the original
- Windows service for controlling and managing device connections and background processes including time-controlled file recording and printer methods. Centralised and user-specific configuration options
- Device instance table: Clear visualisation and tracking of weight, PC data and time stamps. With precise filtering (right down to the seconds level), sorting, export functions and uniform view for multiple devices
- ODBC/SQL databases such as SQL Server or MySQL
- Transfer to HTTP Webservices/Web forms
- Histogram
- Enables the connection of medical balances to practice EDP systems using the device data transfer protocol (GDT) and also the HL7 protocol,on request
- Implementation of programs/scrips using freely-definable command lines
- Command sequences
- Defining the conditions for specific events and the reaction to these events
- Filter for stability recognition (configurable value storage)
- Central configuration repository, e.g. on the network
- On-screen displays with configurable user interface for flexible balance operation

Benefits

- Ideal software where weighing data which has been collected needs to be transferred to a Windows PC

- Particularly suitable for professional integration of weighing systems into existing networks where there is a high demand for automated data transfer and further processing, for integration of databases
- Automatic recording, e.g. for long-term tests
- GLP-compliant lab software
- For each license, you can use as many balances as you need at one PC/workstation
- Can be used across different branches and applications

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SPECIFICATIONS



Article codes, product groups & Status information

Model article-code	SCD-4.0-PRO-DL
Model-Serie	SCD
Assortment	KERN
Product Type	Software
Product group	BalanceConnection
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761222489
Predecessor Model	SCD-4.0; SCD-4.0-PRO; SCD-4.0-PROS05; SCD-4.0S05
Customs tariff number	85234910
Country of Origin	DE

Technical data - Packing & Shipping

Delivery time	1 d

FUNCTIONS

Standard