PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN PCB 10000-1-REZ

Upgrade your laboratory balance to a high-end recipe balance for the pharmaceutical, chemical and food industries

ENGLISH

Easy Touch



Software EasyTouch

SET-21
Formulation

CONTACT

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FEATURES

- By combining the KERN PCB with the EasyTouch SET-21 you can manage recipes and save them against a user role and in a way that they cannot be altered. When implementing a recipe, EasyTouch Formulation guides the user through the recipe, component by component and provides support for accurate dispensing through the optical and acoustic dosing assistant
- Preventing errors: EasyTouch helps you to avoid errors such as incorrect components or inaccurate weight information to a large extent
- The correction function recognises overfilling and indicates this. If it is no longer possible to perform a take-out, then Easytouch can automatically adjust the recipe and this prevents losses of expensive or limited resources
- The bundle contains:
  - Precision balance KERN PCB 10000-1
  - Software EasyTouch SET-01 Base
  - Software EasyTouch SET-21 Formulation
  - USB interface adapter KERN KUP-03

MAIN SCOPE OF APPLICATIONS

- Production
- Quality control
- Laboratories
- Research

PICTOGRAMS

Standard



Option



ACCESSORIES

Model	Description
337-14	Test weight 337-14 (OIML Class F2, Nominal value 10 kg, Knob, stainless steel fine turned)
CFS-A03	Signal lamp KERN CFS-A03
KUP-01	RS-232 interface KUP-01
KUP-03	Interface USB-Device KUP-03
KUP-04	Ethernet interface KUP-04

Model	Description
KUP-05	WiFi interface KUP-05
KUP-06	Bluetooth BLE interface KUP-06
KUP-13	Extension box KUP-13
YBA-A12	Protective working cover YBA-A12
YBA-A12S05	Protective working cover YBA-A12S05
YKA-27	Power adapter YKA-27 (5,9V, 1A | 100 V - 240 V, 50 / 60 Hz | EURO, UK, US, CH)
YKC-01	Thermal printer YKC-01
YKG-01	Dot Matrix Printer YKG-01
YKH-01	Thermal printer YKH-01
YKR-01	Rechargeable battery pack YKR-01
YKT-01	Needle printer YKT-01
YPS-03	Antivibration table YPS-03
YPS-04	Anti-vibration plate KERN YPS-04 (400×450×60 mm, 30 kg)
YPS-05	Anti-vibration plate KERN YPS-05 (565×450×60 mm, 42 kg)

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)
SET-01	Software KERN EasyTouch SET-01-2025a Base
SET-04	Software KERN EasyTouch SET-04-2025a Density
SET-04	Software KERN EasyTouch SET-04 Density
SET-05	Software KERN EasyTouch SET-05-2025a Dynamic
SET-05	Software KERN EasyTouch SET-05 Dynamic
SET-06	Software KERN EasyTouch SET-06-2025a Classification
SET-06	Software KERN EasyTouch SET-06 Classification
SET-07	Software KERN EasyTouch SET-07-2025a Variable
SET-07	Software KERN EasyTouch SET-07 Variable
SET-08	Software KERN EasyTouch SET-08-2025a Take-out

Model	Description
SET-08	Software KERN EasyTouch SET-08 Take-out
SET-10	Software KERN EasyTouch SET-10 Save Server
SET-11	Software KERN EasyTouch SET-11-2025a Safety
SET-11	Software KERN EasyTouch SET-11 Safety
SET-14	Software KERN EasyTouch SET-14-2025a Individual Print
SET-14	Software KERN EasyTouch SET-14 Individual Print
SET-16	Software KERN EasyTouch SET-16-2025a Batch and Statistics
SET-16	Software KERN EasyTouch SET-16 Batch and Statistics
SET-17	Software KERN EasyTouch SET-17-2025a PrePack
SET-17	Software KERN EasyTouch SET-17 PrePack
SET-18	Software KERN EasyTouch SET-18-2025a Container Master
SET-18	Software KERN EasyTouch SET-18 Container Master
SET-21	Software KERN EasyTouch SET-21 Formulation
SET-22	Software KERN EasyTouch SET-22-2025a Difference
SET-22	Software KERN EasyTouch SET-22 Difference
SET-31	Software KERN EasyTouch SET-31-2025a Tolerance
SET-31	Software KERN EasyTouch SET-31 Tolerance
SET-32	Software KERN EasyTouch SET-32-2025a Count
SET-32	Software KERN EasyTouch SET-32 Count
SET-33	Software KERN EasyTouch SET-33-2025a Target Count
SET-33	Software KERN EasyTouch SET-33 Target Count
SET-35	Software KERN EasyTouch SET-35-2025a Assembly Count
SET-35	Software KERN EasyTouch SET-35 Assembly Count
SET-37	Software KERN EasyTouch SET-37-2025a Export Manager
SET-37	Software KERN EasyTouch SET-37 Export Manager
SET-39	Software KERN EasyTouch SET-39 Data Interface
SET-40	Software KERN EasyTouch SET-40 Protect
SET-46	Software KERN EasyTouch SET-46-2025a Backup Scheduler
SET-46	Software KERN EasyTouch SET-46 Backup Scheduler
SET-51	Software KERN EasyTouch SET-51-2025a Audit Logs
SET-51	Software KERN EasyTouch SET-51 Audit Logs

Model	Description
SET-52	Software KERN EasyTouch SET-52-2025a Inventory
SET-52	Software KERN EasyTouch SET-52 Inventory
SET-261	Software KERN EasyTouch SET-261 Audio Management
SET-311	Software KERN EasyTouch SET-311-2025a Quick Key
SET-311	Software KERN EasyTouch SET-311 Quick Key
SET-411	Software KERN EasyTouch SET-411-2025a Hotkeys
SET-411	Software KERN EasyTouch SET-411 Hotkeys

SERVICES

Model	Description
963-128	DAkkS calibration certificate 963-128
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
	EasyTouch: Suitable for the connection, data transmission and control through PC or tablet
	KERN Universal Port (KUP): allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, USB, Bluetooth, WiFi, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort
	Data Interface USB: For connection to printers, PCs or other peripheral devices
	KERN Communication Protocol (KCP): a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Net total: The weight values of the recipe ingredients can be added up and the total weight of the recipe printed out
	Percentage determination: determining the deviation in % from the target value (100 %)
	Units can be switched to e.g. non-metric units
	Measuring with tolerance range (checkweighing): Upper and lower limit values can be programmed, e.g. for sorting, portioning or for measuring coatings or material thicknesses. The process is supported by an acoustic and/or optical signal
	Hold function: When the weighing conditions are unstable, a stable weight is calculated as an average value
	Suspended weighing: Load support with hook on the underside of the balance
	Battery operation: Ready for battery operation
	Universal plug-in power supply: With universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or EU, CH, GB, US, AUS
	Weighing principle Strain gauges: Electrical resistor on an elastic deforming body
	Package shipment by courier service: The duration of internal product provision is one day
	Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	Data interface Bluetooth: For connection to printers, PCs or other peripheral devices
	Data interface WiFi: For data transfer to printers, PCs or other peripheral devices
	Network interface: For connecting the measuring device to an Ethernet network
	Rechargeable battery pack: Rechargeable set
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days

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