PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN IFC 30K5DM-PREPACK

The complete solution for prepack processes, with optional verification

ENGLISH

Easy Touch



Software EasyTouch

SET-17
PrePack

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FEATURES

- When used together, the KERN IFC IoT-Line platform scale and EasyTouch PrePack offer the ideal solution for prepack processes. Legal regulations mean that you only have to check random samples rather than having to check the weights of all mechanically packaged foodstuffs. This requires an accurate balance and a complex statistical calculation. This complete solution for prepack processes combines both requirements in one user-friendly operation
- With EasyTouch SET-17 PrePack you can carry out all kinds of prepack processes. After every check, the software clearly indicates whether the result is “OK” or “NOK”. In addition, it allows you to adjust the filling or bottling quantity in order reduce losses due to ovefilling to a minimum.
- As an alternative to random sampling checks, the software also enables full checking of all filled products, including individual price labelling. For this purpose, EasyTouch offers a powerful label printing function which runs automatically in the background in production mode
- The bundle contains:
  - IoT-Line platform scale KERN IFC
  - Software EasyTouch SET-01 Base
  - Software EasyTouch SET-17 PrePack
  - USB interface adapter KERN KUP-03
  - Memory module (alibi memory) KERN YMM-04

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MAIN SCOPE OF APPLICATIONS

- Food industry
- Logistics and packaging
- Production

PICTOGRAMS

Standard



Option



Factory



ACCESSORIES

Model	Description
346-77	Test weight 346-77 (OIML Class M1, Nominal value 10 kg, Block Eco, cast iron lacquered)
346-78	Test weight 346-78 (OIML Class M1, Nominal value 20 kg, Block Eco, cast iron lacquered)
BFS-A07	Tripod BFS-A07, Height of stand approx. 1040 mm
CFS-A03	Signal lamp KERN CFS-A03

Model	Description
IFB-A01	Stand IFB-A01, Height of stand approx. 330 mm
IFB-A02	Tripod IFB-A02, Height of stand approx. 600 mm
KUP-01	RS-232 interface KUP-01
KUP-03	Interface USB-Device KUP-03
KUP-04	Ethernet interface KUP-04
KUP-05	WiFi interface KUP-05
KUP-06	Bluetooth BLE interface KUP-06
KUP-08	Analogue module interface adapter KUP-08
KUP-13	Extension box KUP-13
YBA-A18	Protective working cover YBA-A18
YBA-A18S05	Protective working cover YBA-A18S05, scope of delivery: 5 items
YGR-01	ESD grounding plug incl. grounding cable YGR-01
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
YRO-01	roller conveyor YRO-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)
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

Model	Description
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
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 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-21-2025a Formulation
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

Model	Description
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
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
961-248	Adjustment at the location of installation 961-248 (Not in combination with verification)
963-128	DAkkS calibration certificate 963-128
969-517	Confirmation of the manufacturer’s specification (only in combination with DAkkS calibration certificate)969-517
970-112	Warranty extension (+2 years) 970-112

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	EasyTouch: Suitable for the connection, data transmission and control through PC or tablet
	Alibi memory: Secure, electronic archiving of measuring results, complying with the 2014/31/EU standard
	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
	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
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Sum function: The weight values of weighed items can be added together and the total printed out
	Units can be switched to e.g. non-metric units
	Percentage determination: determining the deviation in % from the target value (100 %)
	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
	Load Cell: Protection against dust and water splashes IP65
	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
	Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements
	Network interface: For connecting the measuring device to an Ethernet network

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	Rechargeable battery pack: Rechargeable set
DAkkS	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days
M	Conformity assessment: The duration of the conformity assessment is 3 working days