PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

30.10.2026

SAUTER CW 3000KFB

Scale kit with build-type approval for individual assembly of floor scales – suitable for use in harsh industrial environments with humid environmental conditions

ENGLISH



CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

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

FEATURES

- With SAUTER scale kits, individual weighing solutions can be put together, for example, individual balance manufacturing in industry, automotive manufacturing and agriculture. In this way, a wide range requirements in terms of dimensions, materials, combinations of peripheral devices etc. can be fulfilled. Especially suitable for the manufacture of platform scales, weigh hoppers, silo scales, flush-mounted floor scales and other weighing devices. Area of use: Measuring mass as well as compressive force in harsh environments
- Details for weighing cells (4 × SAUTER CT 1000-3P2):
  - Accuracy in accordance with OIML R60 C3
  - Protection against dust and water splashes IP67 (in accordance with EN 60529)
  - Nickel-plated steel
  - 4-wire connection
  - Nominal sensitivity: 3 mV/V
- Junctionbox SAUTER CJ P4PG:
  - The robust aluminium diecast housing
  - Protection against dust and water splashes IP65

MAIN SCOPE OF APPLICATIONS

- Mechanical engineering and plant construction
- Logistics and packaging
- Food industry
- Servicing and workshop
- Container and silo weighing
- Chemical industry
- Pharmaceutical applications

PICTOGRAMS

Standard



MODEL OVERVIEW

Model	Weighing capacity [Max]
CW 300KFB	300 kg
CW 750KFB	750 kg
CW 1500KFB	1500 kg
CW 3000KFB	3000 kg

Model	Weighing capacity [Max]
CW 4500KFB	4500 kg
CW 7500KFB	7500 kg
CW 9000KFB	9000 kg
CW 15000KFB	15000 kg

ACCESSORIES

Model	Description
CE P2012	Adjustable base foot CE P2012
CE P3012	Distance CE P3012
CE P4022	Load corner CE P4022
CFS-A01	RS232 interface cable CFS-A01
CFS-A03	Signal lamp KERN CFS-A03
CFS-A04	RS-232 Y-interface cable CFS-A04
CJ P2	Junctionbox CJ P2, Number of connection options: 2, aluminium,
CJ P4	Junctionbox CJ P4, Number of connection options: 4, aluminium, IP65
CJ P4PG	Junctionbox CJ P4PG, Number of connection options: 4, aluminium,
CJ X467	Junctionbox CJ X467, Number of connection options: 4, stainless steel,
CJ X468	Junctionbox CJ X468, Number of connection options: 4, aluminium,
KFB-A01	Rechargeable battery pack KFB-A01 (Pb, 6 V, 1.2 Ah)
KFB-A02	Protective working cover KFB-A02
KFB-A02S05	Protective working cover KFB-A02S05, scope of delivery: 5 items
PFB-A03	Power adapter PFB-A03 (12 V, 500 mA | 100 V - 240 V, 50 / 60 Hz | UK)
PFB-A04	Power adapter PFB-A04 (12 V, 500 mA | 100 V - 240 V | US)
YKA-11	Power adapter YKA-11 (12 V, 500 mA | 100 - 240 V~ 50/60 Hz 190 mA | EURO, AUS, UK, US, CH)
YKC-01	Thermal printer YKC-01
YKD-A02	Large display YKD-A02
YKV-01	Digital weighing transmitter YKV-01

SERVICES

Model	Description
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-104	Warranty extension (+2 years) 970-104

KERN Pictogram Overview

	Junction Box: Protection against dust and water splashes IP
	Load Cell: Protection against dust and water splashes IP67
	Weighing principle Strain gauges: Electrical resistor on an elastic deforming body
	Conformity assessment: The duration of the conformity assessment is 3 working days
	Package shipment by courier service: The duration of internal product provision is one day