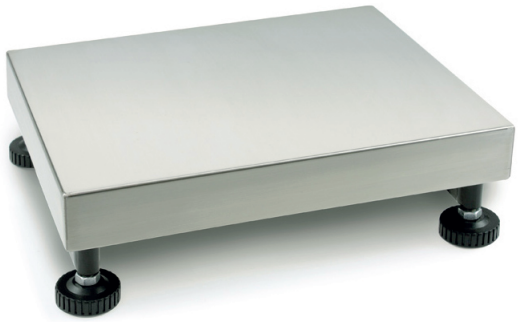
KERN

PRODUCT BROCHURE

KERN
KFP 6V20M

Date: 07.03.2026

ENGLISH



Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com

Scan here for more information

PRODUCT SHOWCASE









DESCRIPTION

- Stainless steel-weighing plate
- Painted steel base
- 1 load cell, aluminium, silicone-coated, IP65, OIML-R60-approved, class III, 3000 e
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	KFP 6V20M
Model-Serie	KFP

Assortment	KERN
Product Type	Industrial scales
Product group	Platforms
Product usage type	Spare part;Main article
EAN code (Model)	4045761250109

Predecessor Model	KFP 6V20M-2020a
Customs tariff number	90318080
Country of Origin	CN

Technical data - Primary

Weighing capacity	6 kg
Readability	200 mg
Verification value (e)	1 g; 2 g
Minimum load (Min)	20 g; 40 g
Net weight	4.4 kg
Dimension weighing platform (W×D×H)	230×230×106 mm

Technical data - Construction

Material weighing plate	stainless steel
Revolving screw feet	yes
Weighing surface (d)	230×230 mm
Dimensions of weighing plate (W×D)	230×230 mm
Dimensions weighing platform	230×230×106 mm
IP protection load cell	IP65

Technical data - Measuring system

Readability	200 mg
load cell connection	4-guide

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	490×340×220 mm
Gross weight	6 kg
Net weight	4.4 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	750 g
Packaging component - by weight - styrofoam	750 g
Delivery time	1 d

Technical data - Verification

Verification Value E	1 g; 2 g
Minimum Load Min	20 g; 40 g
Verification by KERN possible	yes

FUNCTIONS

Standard

LC IP 65 | 1 DAY

Factory

M

ENGLISH

ACCESSORIES

Model	Description
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
YKV-02	IoT-Line Digital Weighing Transmitter KERN YKV-02
YGR-01	ESD earthing kit YGR-01

SERVICES

Model	Description
965-228	Verification / Conformity assessment according to NAWI (2014/31/EU) KERN 965-228
965-411	Assembly of components (< 50kg) 965-411
963-128	DAkkS Calibration KERN 963-128

SPARE PARTS

Model	Description
RKFPV20-6001	Weighing plate KERN RKFPV20-6001
RCFS-8003	Level bubble RCFS-8003
RKFP-1100	Load cell KERN RKFP-1100
RKFP-8007	Rubber shock absorber RKFP-8007
RKFP-8009	Rubber shock absorber RKFP-8009
RTKFP-8001	Adjustable base foot KERN RTKFP-8001

RELATED ARTICLES DATA

Model name	Weighing capacity	Readability	Verification value (e)	Minimum load (Min)	Net weight	Dimension weighing platform (W×D×H)
KFP 60V30XLM	60 kg	2 g	20 g	400 g	22 kg	650×500×136 mm
KFP 150V30LM	150 kg	5 g	50 g	1 kg	24.3 kg	650×500×136 mm
KFP 60V30LM	60 kg	2 g	20 g	400 g	13.3 kg	500×400×117 mm
KFP 150V20LM	60 kg; 150 kg	5 g	20 g; 50 g	400 g; 1 kg	18.8 kg	650×500×139 mm

ENGLISH

Model name	Weighing capacity	Readability	Verification value (e)	Minimum load (Min)	Net weight	Dimension weighing platform (W×D×H)
KFP 150V20M	60 kg; 150 kg	5 g	20 g; 50 g	400 g; 1 kg	6.58 kg	500×400×127 mm
KFP 150V30LM-2022e	150 kg	10 g	50 g	1 kg	20.5 kg	650×500×139 mm
KFP 150V30M	150 kg	10 g	50 g	1 kg	9.8 kg	500×400×120 mm
KFP 150V30SM	150 kg	10 g	50 g	1 kg	9.35 kg	400×300×111 mm
KFP 15V20LM	6 kg; 15 kg	500 mg	2 g; 5 g	40 g; 100 g	6.3 kg	400×300×117 mm
KFP 15V20M	6 kg; 15 kg	500 mg	2 g; 5 g	40 g; 100 g	3.8 kg	300×240×109 mm
KFP 15V30M	15 kg	1 g	5 g	100 g	7.9 kg	300×240×107 mm
KFP 300V20M	150 kg; 300 kg	10 g	50 g; 100 g	1 kg; 2 kg	18.8 kg	650×500×139 mm
KFP 300V30M	300 kg	20 g	100 g	2 kg	20.5 kg	650×500×139 mm
KFP 30V20M	15 kg; 30 kg	1 g	5 g; 10 g	20 g	6.3 kg	400×300×117 mm
KFP 30V20SM	15 kg; 30 kg	1 g	5 g; 10 g	100 g; 200 g	3.8 kg	300×240×109 mm
KFP 30V30M	30 kg	2 g	10 g	200 g	7.2 kg	400×300×111 mm
KFP 30V30SM	30 kg	2 g	10 g	200 g	5 kg	300×240×107 mm
KFP 3V20M	3 kg	100 mg	1 g	20 g	3.3 kg	230×230×106 mm
KFP 600V20AM	600 kg	20 g	200 g	4 kg	41.8 kg	800×600×192 mm
KFP 60V20LM	30 kg; 60 kg	2 g	10 g; 20 g	200 g; 400 g	9.8 kg	500×400×127 mm
KFP 60V20M	30 kg; 60 kg	2 g	10 g; 20 g	200 g; 400 g	6.3 kg	400×300×117 mm
KFP 60V30LM-2022e	60 kg	5 g	20 g	400 g	9.8 kg	500×400×120 mm

Model name	Weighing capacity	Readability	Verification value (e)	Minimum load (Min)	Net weight	Dimension weighing platform (W×D×H)
KFP 60V30M	60 kg	5 g	20 g	400 g	7.2 kg	400×300×111 mm
KFP 60V30XLM-2022e	60 kg	5 g	20 g	400 g	20.5 kg	650×500×139 mm
KFP 6V20LM	6 kg	200 mg	1 g; 2 g	20 g; 40 g	3.8 kg	300×240×109 mm
KFP 6V20M	6 kg	200 mg	1 g; 2 g	20 g; 40 g	4.4 kg	230×230×106 mm
KFP 6V40M	6 kg	500 mg	1 g; 2 g	20 g	6.52 kg	300×240×107 mm
KFP 15V40M	15 kg	1 g	2 g; 5 g	40 g	4.8 kg	300×240×107 mm
KFP 15V40LM	15 kg	1 g	2 g; 5 g	40 g	6.1 kg	400×300×111 mm
KFP 30V40M	30 kg	2 g	5 g; 10 g	100 g	7.7 kg	400×300×111 mm
KFP 30V40LM	30 kg	2 g	5 g; 10 g	100 g	10.2 kg	500×400×120 mm
KFP 60V40M	60 kg	5 g	10 g; 20 g	200 g	9.1 kg	400×300×123 mm
KFP 60V40LM	60 kg	5 g	10 g; 20 g	200 g	10.2 kg	500×400×126 mm
KFP 150V40M	150 kg	10 g	20 g; 50 g	400 g	11.7 kg	500×400×126 mm
KFP 150V40LM	150 kg	10 g	20 g; 50 g	400 g	20 kg	650×500×139 mm
KFP 300V40M	300 kg	20 g	50 g; 100 g	1 kg; 2 kg	20 kg	650×500×139 mm
KFP 30V20LM	15 kg; 30 kg	1 g	5 g; 10 g	20 g	10.53 kg	500×400×127 mm
KFP 1500V20NM	1500 kg	500 g	500 g	10 kg	147 kg	1500×1250×85 mm
KFP 1500V20SNM	1500 kg	500 g	500 g	10 kg	96 kg	1000×1000×85 mm
KFP 1500V40M	1500 kg	500 g	500 g	10 kg	146 kg	1500×1250×85 mm
KFP 1500V40SM	1500 kg	500 g	500 g	10 kg	95 kg	1000×1000×85 mm

Model name	Weighing capacity	Readability	Verification value (e)	Minimum load (Min)	Net weight	Dimension weighing platform (W×D×H)
KFP 3000V20LNM	3000 kg	1 kg	1 kg	20 kg	172 kg	1500×1500×85 mm
KFP 3000V20NM	3000 kg	1 kg	1 kg	20 kg	147 kg	1500×1250×85 mm
KFP 3000V40M	3000 kg	1 kg	1 kg	20 kg	145 kg	1500×1250×85 mm
KFP 6000V20M	6000 kg	2 kg	2 kg	40 kg	223 kg	1500×1500×123 mm
KFP 600V20NM	600 kg	200 g	200 g	4 kg	147 kg	1500×1250×85 mm
KFP 600V20SNM	600 kg	200 g	200 g	4 kg	95 kg	1000×1000×85 mm
KFP 600V40SM	600 kg	200 g	200 g	4 kg	95 kg	1000×1000×85 mm

ENGLISH