

## PRODUCT BROCHURE

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# KERN KFP 30V30SM

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ENGLISH



Platform: entirely out of stainless steel

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### CONTACT

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## PRODUCT SHOWCASE



ENGLISH



## DESCRIPTION

- Platform: entirely out of stainless steel
- 1 weighing cell, stainless steel, silicone-coated, IP67, OIML R60 approval for verification, class III, 3000 e
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result

## SPECIFICATIONS

### Article codes, product groups & Status information

|                    |                   |
|--------------------|-------------------|
| Model article-code | KFP 30V30SM       |
| Model-Serie        | KFP               |
| Assortment         | KERN              |
| Product Type       | Industrial scales |

|                       |                         |
|-----------------------|-------------------------|
| Product group         | Platforms               |
| Product usage type    | Spare part;Main article |
| EAN code (Model)      | 4045761250178           |
| Predecessor Model     | KFP 30V30SM-2020a       |
| Customs tariff number | 90318080                |

## Technical data - Primary

|                                     |                |
|-------------------------------------|----------------|
| Weighing capacity                   | 30 kg          |
| Readability                         | 2 g            |
| Verification value (e)              | 10 g           |
| Minimum load (Min)                  | 200 g          |
| Net weight                          | 5 kg           |
| Dimension weighing platform (W×D×H) | 300×240×107 mm |

## Technical data - Construction

|                                    |                 |
|------------------------------------|-----------------|
| Material weighing plate            | stainless steel |
| Revolving screw feet               | yes             |
| Weighing surface (d)               | 300×240 mm      |
| Dimensions of weighing plate (W×D) | 300×240 mm      |
| Dimensions weighing platform       | 300×240×107 mm  |
| IP protection load cell            | IP67            |

## Technical data - Measuring system

|                      |          |
|----------------------|----------|
| Readability          | 2 g      |
| load cell connection | 6-Leiter |

## Technical data - Environmental conditions

|                               |       |
|-------------------------------|-------|
| Maximum operating temperature | 40 °C |
|-------------------------------|-------|

## Technical data - Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Dimensions packaging (W×D×H) | 700×410×220 mm |
|------------------------------|----------------|

|                                             |                |
|---------------------------------------------|----------------|
| Gross weight                                | 6 kg           |
| Net weight                                  | 5 kg           |
| Shipping method                             | Parcel service |
| Packaging component - by weight - cardboard | 500 g          |
| Packaging component - by weight - plastics  | 500 g          |
| Delivery time                               | 1 d            |

## Technical data - Verification

|                               |       |
|-------------------------------|-------|
| Verification Value E          | 10 g  |
| Minimum Load Min              | 200 g |
| Verification by KERN possible | yes   |

## FUNCTIONS

Standard



Factory



## 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 |
| 965-403 | Cable extension 965-403                                                          |
| 965-404 | Cable extension 965-404                                                          |
| 965-405 | Cable extension 965-405                                                          |
| 965-411 | Assembly of components (< 50kg) 965-411                                          |
| 963-128 | DAkkS Calibration KERN 963-128                                                   |
| 970-102 | Warranty extension KERN (+2 years) 970-102                                       |

## SPARE PARTS

| Model        | Description                          |
|--------------|--------------------------------------|
| RKFPV20-6002 | Weighing plate KERN RKFPV20-6002     |
| RKFPV30-1003 | Load cell KERN RKFPV30-1003          |
| 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 600V20SNM  | 600 kg            | 200 g       | 200 g                  | 4 kg               | 96 kg      | 1000×1000×85 mm                     |
| KFP 3000V20LNM | 3000 kg           | 1 kg        | 1 kg                   | 20 kg              | 171 kg     | 1500×1500×85 mm                     |
| KFP 1500V20NM  | 1500 kg           | 500 g       | 500 g                  | 10 kg              | 148 kg     | 1500×1250×85 mm                     |

| Model name     | Weighing capacity | Readability | Verification value (e) | Minimum load (Min) | Net weight | Dimension weighing platform (W×D×H) |
|----------------|-------------------|-------------|------------------------|--------------------|------------|-------------------------------------|
| KFP 1500V20SNM | 1500 kg           | 500 g       | 500 g                  | 10 kg              | 96 kg      | 1000×1000×85 mm                     |
| KFP 3000V20NM  | 3000 kg           | 1 kg        | 1 kg                   | 20 kg              | 149 kg     | 1500×1250×85 mm                     |
| KFP 600V20NM   | 600 kg            | 200 g       | 200 g                  | 4 kg               | 148 kg     | 1500×1250×85 mm                     |
| KFP 1500V40SM  | 1500 kg           | 500 g       | 500 g                  | 10 kg              | 97 kg      | 1000×1000×85 mm                     |
| KFP 600V40SM   | 600 kg            | 200 g       | 200 g                  | 4 kg               | 97 kg      | 1000×1000×85 mm                     |
| KFP 3000V40M   | 3000 kg           | 1 kg        | 1 kg                   | 20 kg              | 134 kg     | 1500×1250×85 mm                     |
| KFP 1500V40M   | 1500 kg           | 500 g       | 500 g                  | 10 kg              | 144 kg     | 1500×1250×85 mm                     |
| KFP 6000V20M   | 6000 kg           | 2 kg        | 2 kg                   | 40 kg              | 208 kg     | 1500×1500×123 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 150V20LM   | 60 kg; 150 kg     | 5 g         | 20 g; 50 g             | 400 g; 1 kg        | 18.8 kg    | 650×500×139 mm                      |

| 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                      |
| KFP 60V30M         | 60 kg             | 5 g         | 20 g                   | 400 g              | 7.2 kg     | 400×300×111 mm                      |

| Model name         | Weighing capacity | Readability | Verification value (e) | Minimum load (Min) | Net weight | Dimension weighing platform (W×D×H) |
|--------------------|-------------------|-------------|------------------------|--------------------|------------|-------------------------------------|
| 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                      |