

KERN FH100K



Universal digital force-measuring devices for tensile and compressive force measurement with external measuring cell



Measuring system

Measuring capacity [Max]:	100 kN
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Readability [d]:	50 N
Test frequency:	2000 Hz

Display

Display digit height (large):	1 cm
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Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Obtaining average:	yes
Peak function:	yes
Statistical function:	yes

Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C

Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	12 h
Operating time (Backlight on):	10 h

Services (optional)

Factory calibration certificate (Pressure):	961-266
Factory calibration certificate (Tensile):	961-166
Factory calibration certificate (Tensile/Pressure):	961-366

Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

Packaging & shipping

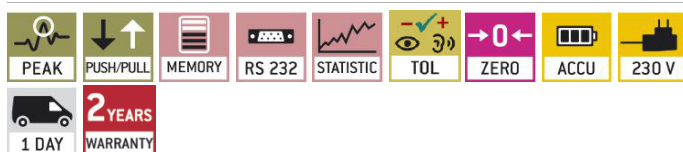
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 185 x 165 mm
Gross weight:	11,300 kg
Net weight:	10,500 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Cable length:	3 m
Dimensions housing (WxDxH):	230 x 66 x 36 mm
Dimensions of display device (WxDxH):	230 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	365 x 325 x 155 mm

Piktogramme

FACTORY



OPTION



KERN FH10K

Universal digital force-measuring devices for tensile and compressive force measurement with external measuring cell



Measuring system

Measuring capacity [Max]:	10 kN
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Readability [d]:	5 N
Test frequency:	2000 Hz

Display

Display digit height (large):	1 cm
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Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Obtaining average:	yes
Peak function:	yes
Statistical function:	yes

Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C

Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	12 h
Operating time (Backlight on):	10 h

Services (optional)

Factory calibration certificate (Pressure):	961-264
Factory calibration certificate (Tensile):	961-164
Factory calibration certificate (Tensile/Pressure):	961-364

Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

Packaging & shipping

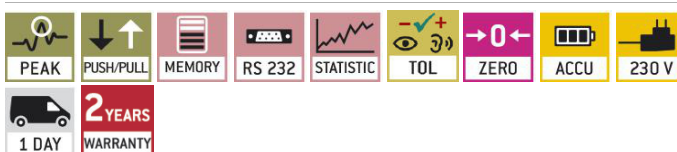
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 185 x 165 mm
Gross weight:	2,965 kg
Net weight:	1,792 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Cable length:	3 m
Dimensions housing (WxDxH):	230 x 66 x 36 mm
Dimensions of display device (WxDxH):	230 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	230 x 66 x 36 mm

Piktogramme

FACTORY



OPTION



KERN FH1K

Universal digital force-measuring devices for tensile and compressive force measurement with external measuring cell



Measuring system

Measuring capacity [Max]:	1 kN
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	0,500 N
Test frequency:	2000 Hz

Display

Display digit height (large):	1 cm
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Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Obtaining average:	yes
Peak function:	yes
Statistical function:	yes

Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C

Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	12 h
Operating time (Backlight on):	10 h

Services (optional)

DAkkS Calibration certificate (Pressure):	963-262
DAkkS Calibration certificate (Tensile):	963-162
DAkkS Calibration certificate (Tensile/Pressure):	963-362
Factory calibration certificate (Pressure):	961-262
Factory calibration certificate (Tensile):	961-162
Factory calibration certificate (Tensile/Pressure):	961-362

Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

Packaging & shipping

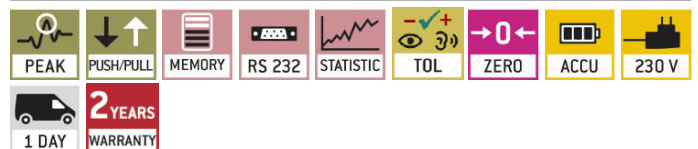
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 185 x 165 mm
Gross weight:	2,734 kg
Net weight:	1,556 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Cable length:	3 m
Dimensions housing (WxDxH):	232 x 65 x 36 mm
Dimensions of display device (WxDxH):	225 x 65 x 36 mm
Overall dimensions mounted (WxDxH):	230 x 66 x 36 mm

Piktogramme

FACTORY



OPTION



KERN FH20K

Universal digital force-measuring devices for tensile and compressive force measurement with external measuring cell



Measuring system

Measuring capacity [Max]:	20 kN
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Readability [d]:	10 N
Test frequency:	2000 Hz

Display

Display digit height (large):	1 cm
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Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Obtaining average:	yes
Peak function:	yes
Statistical function:	yes

Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C

Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	12 h
Operating time (Backlight on):	10 h

Services (optional)

Factory calibration certificate (Pressure):	961-264
Factory calibration certificate (Tensile):	961-164
Factory calibration certificate (Tensile/Pressure):	961-364

Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

Packaging & shipping

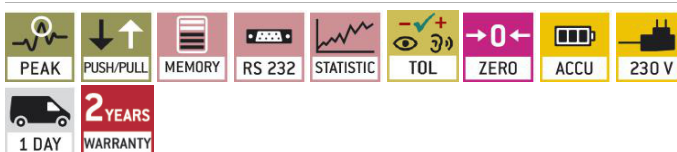
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 185 x 165 mm
Gross weight:	2,950 kg
Net weight:	1,790 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Cable length:	3 m
Dimensions housing (WxDxH):	230 x 65 x 36 mm
Dimensions of display device (WxDxH):	230 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	230 x 65 x 36 mm

Piktogramme

FACTORY



OPTION



KERN FH2K

Universal digital force-measuring devices for tensile and compressive force measurement with external measuring cell



Measuring system

Measuring capacity [Max]:	2 kN
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	1 N
Test frequency:	2000 Hz

Display

Display digit height (large):	1 cm
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Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Obtaining average:	yes
Peak function:	yes
Statistical function:	yes

Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C

Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	12 h
Operating time (Backlight on):	10 h

Services (optional)

DAkkS Calibration certificate (Pressure):	963-262
DAkkS Calibration certificate (Tensile):	963-162
DAkkS Calibration certificate (Tensile/Pressure):	963-362
Factory calibration certificate (Pressure):	961-262
Factory calibration certificate (Tensile):	961-162
Factory calibration certificate (Tensile/Pressure):	961-362

Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

Packaging & shipping

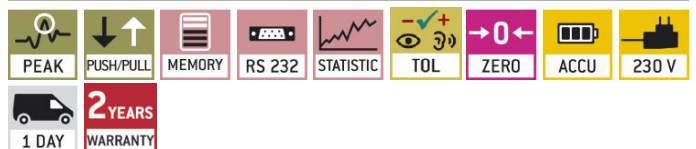
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 185 x 165 mm
Gross weight:	2,700 kg
Net weight:	1,900 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Cable length:	3 m
Dimensions housing (WxDxH):	230 x 66 x 36 mm
Dimensions of display device (WxDxH):	230 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	230 x 66 x 36 mm

Piktogramme

FACTORY



OPTION



KERN FH50K

Universal digital force-measuring devices for tensile and compressive force measurement with external measuring cell



Measuring system

Measuring capacity [Max]:	50 kN
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Readability [d]:	10 N
Test frequency:	2000 Hz

Display

Display digit height (large):	1 cm
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Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Obtaining average:	yes
Peak function:	yes
Statistical function:	yes

Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C

Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH
Operating time (Backlight off):	12 h
Operating time (Backlight on):	10 h

Services (optional)

Factory calibration certificate (Pressure):	961-265
Factory calibration certificate (Tensile):	961-165
Factory calibration certificate (Tensile/Pressure):	961-365

Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

Packaging & shipping

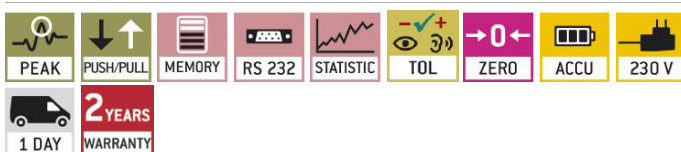
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 185 x 165 mm
Gross weight:	4,430 kg
Net weight:	3,260 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Cable length:	3 m
Dimensions housing (WxDxH):	230 x 66 x 36 mm
Dimensions of display device (WxDxH):	230 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	230 x 66 x 36 mm

Piktogramme

FACTORY



OPTION



KERN FH5K

Universal digital force-measuring devices for tensile and compressive force measurement with external measuring cell



Measuring system

Measuring capacity [Max]:	5 kN
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	1 N
Test frequency:	2000 Hz

Display

Display digit height (large):	1 cm
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Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Obtaining average:	yes
Peak function:	yes
Statistical function:	yes

Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C

Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	12 h
Operating time (Backlight on):	10 h

Services (optional)

DAkkS Calibration certificate (Pressure):	963-263
DAkkS Calibration certificate (Tensile):	963-163
DAkkS Calibration certificate (Tensile/Pressure):	963-363
Factory calibration certificate (Pressure):	961-263
Factory calibration certificate (Tensile):	961-163
Factory calibration certificate (Tensile/Pressure):	961-363

Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

Packaging & shipping

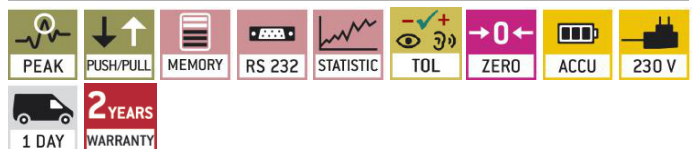
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 185 x 165 mm
Gross weight:	3 kg
Net weight:	1,800 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Cable length:	3 m
Dimensions housing (WxDxH):	230 x 66 x 36 mm
Dimensions of display device (WxDxH):	330 x 190 x 170 mm
Overall dimensions mounted (WxDxH):	320 x 190 x 166 mm

Piktogramme

FACTORY



OPTION

