

KERN FH10

Universal digital force gauges for tension and compression tests with integrated measuring cell and RS-232 data interface



Measuring system

Measuring capacity [Max]:	10 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	0,005 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):	963-261
DAkkS Calibration certificate (Tensile):	963-161
DAkkS Calibration certificate (Tensile/Pressure):	963-361
Factory calibration certificate (Pressure):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

Category

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

Packaging & shipping

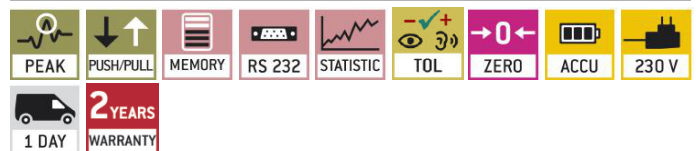
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 190 x 90 mm
Gross weight:	1,224 kg
Net weight:	620 g
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	230 x 66 x 36 mm
Dimensions of display device (WxDxH):	225 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	240 x 65 x 36 mm

Piktogramme

STANDARD



OPTION



KERN FH100

Universal digital force gauges for tension and compression tests with integrated measuring cell and RS-232 data interface



Services (optional)

DAkkS Calibration certificate (Pressure):	963-261
DAkkS Calibration certificate (Tensile):	963-161
DAkkS Calibration certificate (Tensile/Pressure):	963-361
Factory calibration certificate (Pressure):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

Category

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

Packaging & shipping

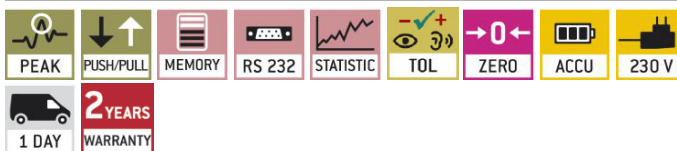
Delivery:	24 h
Dimensions packaging (WxDxH):	330 x 190 x 85 mm
Gross weight:	1,305 kg
Net weight:	773 g
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	230 x 66 x 36 mm
Dimensions of display device (WxDxH):	230 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	270 x 66 x 36 mm

Piktogramme

STANDARD



OPTION



Measuring system

Measuring capacity [Max]:	100 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	0,050 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

KERN FH2

Universal digital force gauges for tension and compression tests with integrated measuring cell and RS-232 data interface



Measuring system

Measuring capacity [Max]:	2 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	0,001 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):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

Category

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

Packaging & shipping

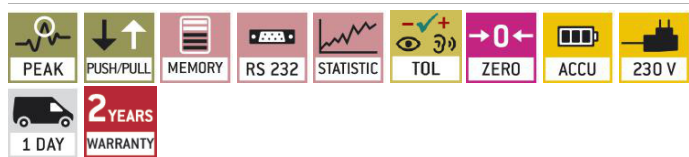
Delivery:	24 h
Dimensions packaging (WxDxH):	330 x 190 x 90 mm
Gross weight:	1,300 kg
Net weight:	640 g
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	244 x 66 x 36 mm
Dimensions of display device (WxDxH):	230 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	356 x 66 x 36 mm

Piktogramme

STANDARD



OPTION



KERN FH20

Universal digital force gauges for tension and compression tests with integrated measuring cell and RS-232 data interface



Services (optional)

DAkkS Calibration certificate (Pressure):	963-261
DAkkS Calibration certificate (Tensile):	963-161
DAkkS Calibration certificate (Tensile/Pressure):	963-361
Factory calibration certificate (Pressure):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

Category

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

Packaging & shipping

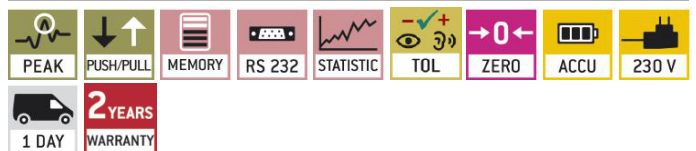
Delivery:	24 h
Dimensions packaging (WxDxH):	312 x 170 x 60 mm
Gross weight:	1,250 kg
Net weight:	700 g
Shipping method:	Parcel service
UN number:	3496

Construction

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

STANDARD



OPTION



Measuring system

Measuring capacity [Max]:	20 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	0,010 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

KERN FH200

Universal digital force gauges for tension and compression tests with integrated measuring cell and RS-232 data interface



Measuring system

Measuring capacity [Max]:	200 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	0,100 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):	963-261
DAkkS Calibration certificate (Tensile):	963-161
DAkkS Calibration certificate (Tensile/Pressure):	963-361
Factory calibration certificate (Pressure):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

Category

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

Packaging & shipping

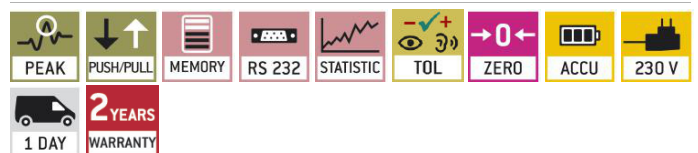
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 190 x 90 mm
Gross weight:	1,305 kg
Net weight:	773 g
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	230 x 66 x 36 mm
Dimensions of display device (WxDxH):	230 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	244 x 65 x 36 mm

Piktogramme

STANDARD



OPTION



KERN FH5

Universal digital force gauges for tension and compression tests with integrated measuring cell and RS-232 data interface



Measuring system

Measuring capacity [Max]:	5 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	0,001 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):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

Category

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

Packaging & shipping

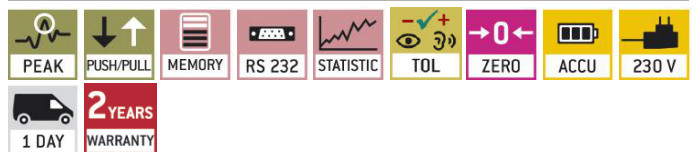
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 190 x 92 mm
Gross weight:	1,230 kg
Net weight:	693 g
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	240 x 65 x 36 mm
Dimensions of display device (WxDxH):	230 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	240 x 65 x 36 mm

Piktogramme

STANDARD



OPTION



KERN FH50

Universal digital force gauges for tension and compression tests with integrated measuring cell and RS-232 data interface



Measuring system

Measuring capacity [Max]:	50 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	0,010 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):	963-261
DAkkS Calibration certificate (Tensile):	963-161
DAkkS Calibration certificate (Tensile/Pressure):	963-361
Factory calibration certificate (Pressure):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

Category

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

Packaging & shipping

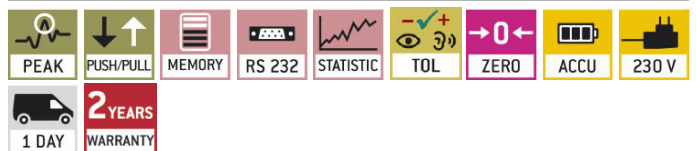
Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 185 x 90 mm
Gross weight:	1,300 kg
Net weight:	640 g
Shipping method:	Parcel service
UN number:	3496

Construction

Dimensions housing (WxDxH):	230 x 66 x 36 mm
Dimensions of display device (WxDxH):	230 x 66 x 36 mm
Overall dimensions mounted (WxDxH):	240 x 66 x 36 mm

Piktogramme

STANDARD



OPTION



KERN FH500

Universal digital force gauges for tension and compression tests with integrated measuring cell and RS-232 data interface



Measuring system

Measuring capacity [Max]:	500 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,500 %
Preset unit:	N
Readability [d]:	0,100 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
Visual ready signal:	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):	963-261
DAkkS Calibration certificate (Tensile):	963-161
DAkkS Calibration certificate (Tensile/Pressure):	963-361
Factory calibration certificate (Pressure):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

Category

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

Packaging & shipping

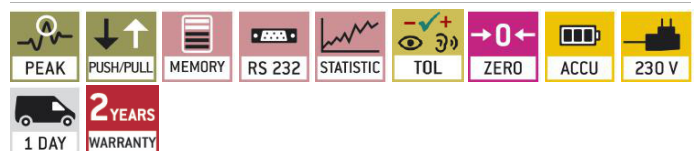
Delivery:	24 h
Dimensions packaging (WxDxH):	312 x 170 x 60 mm
Gross weight:	1,305 kg
Net weight:	773 g
Shipping method:	Parcel service
UN number:	3496

Construction

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

STANDARD



OPTION

