

KERN FL 10K

Premium force-measuring device with graphics display for tensile and compressive force measurement with external measuring cell



Category

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

Packaging & shipping

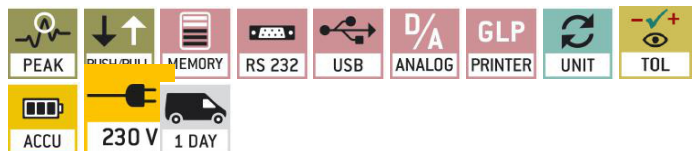
Delivery:	24 h
Dimensions packaging (WxDxH):	370 x 325 x 108 mm
Gross weight:	2,450 kg
Net weight:	1,415 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Casing material:	Metal lacquered
Dimensions housing (WxDxH):	175 x 75 x 30 mm
Dimensions of display device (WxDxH):	175 x 75 x 30 mm
Overall dimensions mounted (WxDxH):	175 x 75 x 30 mm

Piktogramme

STANDARD



OPTION



Measuring system

Measuring capacity [Max]:	10 kN
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	5 N
Test frequency:	1000 Hz

Display

Display digit height (large):	8,500 mm
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Functions

Display revolving:	yes
Function to set limits:	yes

Environmental conditions

Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	10 h
Operating time (Backlight on):	8 h

Services (optional)

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

KERN FL20K

Premium force-measuring device with graphics display for tensile and compressive force measurement with external measuring cell



Category

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

Packaging & shipping

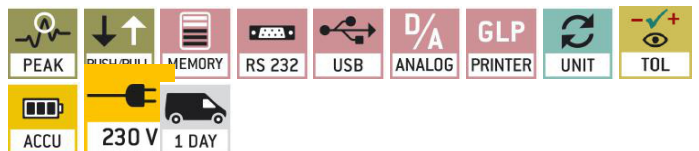
Delivery:	24 h
Dimensions packaging (WxDxH):	373 x 324 x 110 mm
Gross weight:	2,720 g
Net weight:	1,480 kg
Shipping method:	Parcel service
UN number:	3496

Construction

Casing material:	Metal lacquered
Dimensions housing (WxDxH):	168 x 75 x 30 mm
Dimensions of display device (WxDxH):	175 x 75 x 30 mm
Overall dimensions mounted (WxDxH):	168 x 75 x 30 mm

Piktogramme

STANDARD



OPTION



Measuring system

Measuring capacity [Max]:	20 kN
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	10 N
Test frequency:	1000 Hz

Display

Display digit height (large):	8,500 mm
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Functions

Display revolving:	yes
Function to set limits:	yes

Environmental conditions

Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	10 h
Operating time (Backlight on):	8 h

Services (optional)

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

KERN FL2K

Premium force-measuring device with graphics display for tensile and compressive force measurement with external measuring cell



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

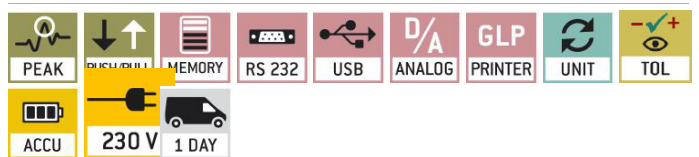
Category	
Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	373 x 324 x 113 mm
Gross weight:	1,450 kg
Net weight:	515 g
Shipping method:	Parcel service
UN number:	3496

Construction	
Casing material:	Metal lacquered
Dimensions housing (WxDxH):	170 x 75 x 30 mm
Dimensions of display device (WxDxH):	170 x 75 x 30 mm
Overall dimensions mounted (WxDxH):	170 x 75 x 30 mm

Piktogramme

STANDARD



OPTION



Measuring system

Measuring capacity [Max]:	2,500 kN
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	1 N
Test frequency:	1000 Hz

Display

Display digit height (large):	8,500 mm
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Functions

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

Environmental conditions

Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	10 h
Operating time (Backlight on):	8 h

Services (optional)

DAkKS Calibration certificate (Pressure):	963-262
DAkKS Calibration certificate (Tensile):	963-162
DAkKS Calibration certificate (Tensile/Pressure):	963-362

KERN FL5K



Premium force-measuring device with graphics display for tensile and compressive force measurement with external measuring cell



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

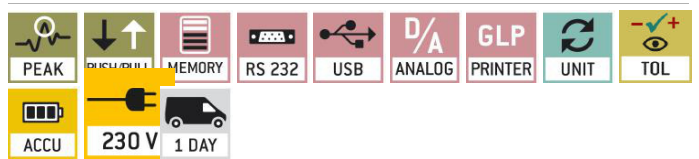
Category	
Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	370 x 325 x 115 mm
Gross weight:	2,275 kg
Net weight:	1,305 kg
Shipping method:	Parcel service
UN number:	3496

Construction	
Casing material:	Metal lacquered
Dimensions housing (WxDxH):	175 x 75 x 30 mm
Dimensions of display device (WxDxH):	175 x 75 x 30 mm
Overall dimensions mounted (WxDxH):	175 x 75 x 30 mm

Piktogramme

STANDARD



OPTION



Measuring system

Measuring capacity [Max]:	5 kN
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	2 N
Test frequency:	1000 Hz

Display

Display digit height (large):	8,500 mm
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Functions

Display revolving:	yes
Function to set limits:	yes

Environmental conditions

Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	10 h
Operating time (Backlight on):	8 h

Services (optional)

DAkKS Calibration certificate (Pressure):	963-263
DAkKS Calibration certificate (Tensile):	963-163
DAkKS Calibration certificate (Tensile/Pressure):	963-363