

KERN FL 10

Premium force measuring instrument with graphic-assisted display and integrated measuring cell



DAkkS Calibration certificate (Tensile): 963-161

DAkkS Calibration certificate (Tensile/Pressure): 963-361

Factory calibration certificate: 961-361

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

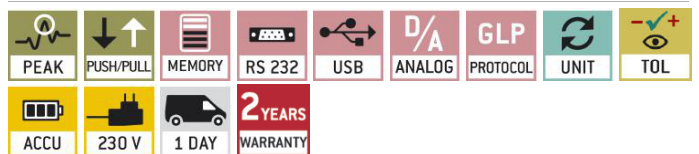
Delivery:	24 h
Dimensions packaging (WxDxH):	263 x 230 x 75 mm
Gross weight:	1,386 kg
Net weight:	515 g
Shipping method:	Parcel service
UN number:	3496

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 N
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	0,005 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):	963-261
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KERN FL 100

Premium force measuring instrument with graphic-assisted display and integrated measuring cell



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

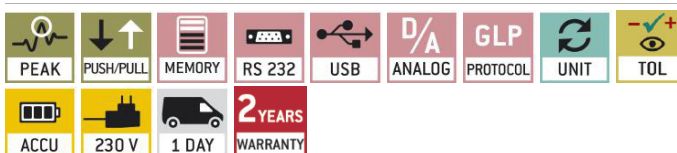
Category	
Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

Packaging & shipping	
Delivery:	24 h
Gross weight:	1,386 kg
Net weight:	515 g
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]:	100 N
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	0,050 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):	963-261
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KERN FL1K

Premium force measuring instrument with graphic-assisted display and integrated measuring cell



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

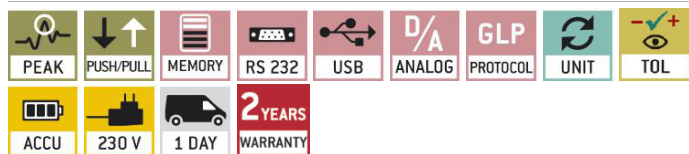
Delivery:	24 h
Dimensions packaging (WxDxH):	260 x 225 x 75 mm
Gross weight:	1,450 kg
Net weight:	515 g
Shipping method:	Parcel service
UN number:	3496

Construction

Casing material:	Metal lacquered
Dimensions housing (WxDxH):	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]:	1 kN
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	0,500 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
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KERN FL20

Premium force measuring instrument with graphic-assisted display and integrated measuring cell



DAkkS Calibration certificate (Tensile): 963-161

DAkkS Calibration certificate (Tensile/Pressure): 963-361

Factory calibration certificate: 961-361

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

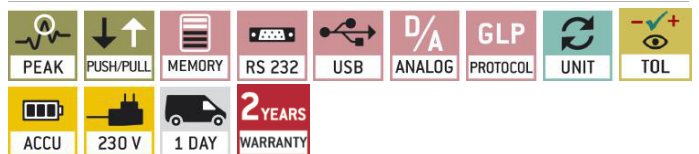
Delivery:	24 h
Dimensions packaging (WxDxH):	260 x 228 x 75 mm
Gross weight:	1,140 kg
Net weight:	550 g
Shipping method:	Parcel service
UN number:	3496

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]:	25 N
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	0,010 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):	963-261
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KERN FL200

Premium force measuring instrument with graphic-assisted display and integrated measuring cell



DAkkS Calibration certificate (Tensile): 963-161

DAkkS Calibration certificate (Tensile/Pressure): 963-361

Factory calibration certificate: 961-361

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

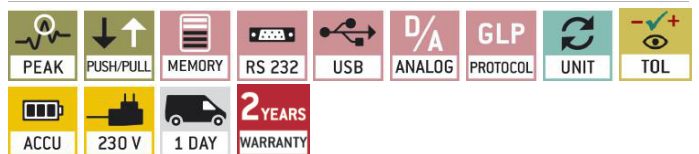
Delivery:	24 h
Dimensions packaging (WxDxH):	260 x 230 x 75 mm
Gross weight:	1,386 kg
Net weight:	515 g
Shipping method:	Parcel service
UN number:	3496

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]:	250 N
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	0,100 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):	963-261
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KERN FL5

Premium force measuring instrument with graphic-assisted display and integrated measuring cell

KERN®



Measuring system

Measuring capacity [Max]:	5 N
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	0,002 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)

Factory calibration certificate:	961-361
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

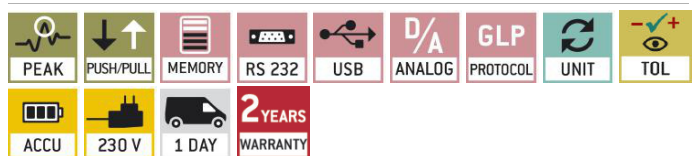
Delivery:	24 h
Dimensions packaging (WxDxH):	260 x 230 x 75 mm
Gross weight:	1,386 kg
Net weight:	515 g
Shipping method:	Parcel service
UN number:	3496

Construction

Casing material:	Metal lacquered
Dimensions housing (WxDxH):	178 x 75 x 30 mm
Dimensions of display device (WxDxH):	175 x 75 x 30 mm
Overall dimensions mounted (WxDxH):	215 x 75 x 30 mm

Piktogramme

STANDARD



OPTION



KERN FL50

Premium force measuring instrument with graphic-assisted display and integrated measuring cell



DAkkS Calibration certificate (Tensile): 963-161

DAkkS Calibration certificate (Tensile/Pressure): 963-361

Factory calibration certificate: 961-361

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

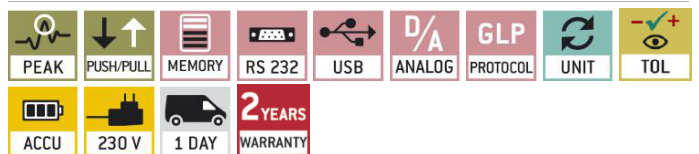
Delivery:	24 h
Dimensions packaging (WxDxH):	263 x 229 x 75 mm
Gross weight:	1,153 kg
Net weight:	480 g
Shipping method:	Parcel service
UN number:	3496

Construction

Casing material:	Metal lacquered
Dimensions housing (WxDxH):	175 x 75 x 30 mm
Dimensions of display device (WxDxH):	160 x 75 x 30 mm
Overall dimensions mounted (WxDxH):	215 x 75 x 30 mm

Piktogramme

STANDARD



OPTION



Measuring system

Measuring capacity [Max]:	50 N
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	0,020 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):	963-261
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KERN FL500

Premium force measuring instrument with graphic-assisted display and integrated measuring cell



DAkkS Calibration certificate (Tensile): 963-161

DAkkS Calibration certificate (Tensile/Pressure): 963-361

Factory calibration certificate: 961-361

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

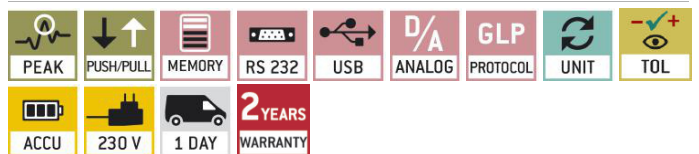
Delivery:	24 h
Dimensions packaging (WxDxH):	260 x 227 x 75 mm
Gross weight:	1,110 kg
Net weight:	572 g
Shipping method:	Parcel service
UN number:	3496

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]:	500 N
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,200 %
Preset unit:	N
Readability [d]:	0,200 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):	963-261
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