

# KERN FS2-100

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells

# KERN®



## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

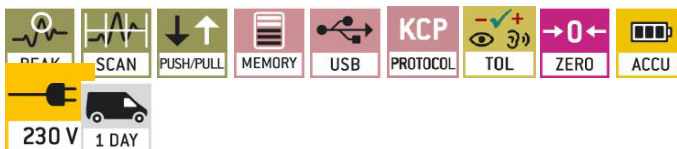
Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,250 kg
Net weight:	400 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm
Overall dimensions mounted (WxDxH):	71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Measuring capacity [Max]:	100 N
Overload protection (of [Max]):	150 %
Preset unit:	N
Readability [d]:	0,020 N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 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

# KERN FS2-20

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells



## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

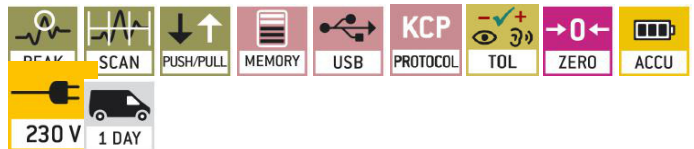
Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,250 kg
Net weight:	400 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm
Overall dimensions mounted (WxDxH):	71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Measuring capacity [Max]:	20 N
Overload protection (of [Max]):	150 %
Preset unit:	N
Readability [d]:	0,004 N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 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

# KERN FS2-200

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells



## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

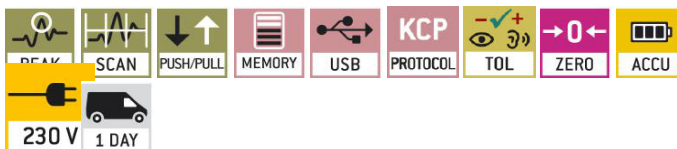
Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,250 kg
Net weight:	400 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm
Overall dimensions mounted (WxDxH):	71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Measuring capacity [Max]:	200 N
Overload protection (of [Max]):	150 %
Preset unit:	N
Readability [d]:	0,040 N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 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

# KERN FS2-50

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells

# KERN®



## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

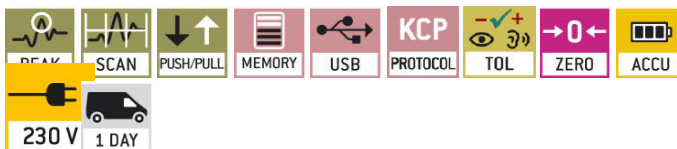
Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,250 kg
Net weight:	400 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm
Overall dimensions mounted (WxDxH):	71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Measuring capacity [Max]:	50 N
Overload protection (of [Max]):	150 %
Preset unit:	N
Readability [d]:	0,010 N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 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

# KERN FS2-500

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells



## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

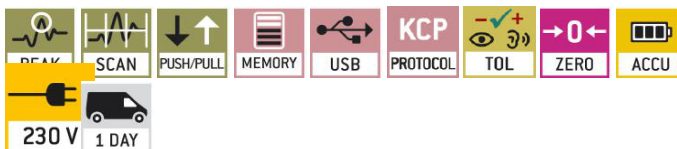
Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,250 kg
Net weight:	400 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm
Overall dimensions mounted (WxDxH):	71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Measuring capacity [Max]:	500 N
Overload protection (of [Max]):	150 %
Preset unit:	N
Readability [d]:	0,100 N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 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



# KERN FS2

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells

# KERN®



Overall dimensions mounted  
(WxDxH):

71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Preset unit:	N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 h

## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,150 kg
Net weight:	300 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm

# KERN FS4-100

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells

# KERN®



## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

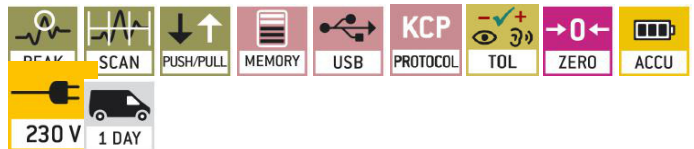
Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,260 kg
Net weight:	410 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm
Overall dimensions mounted (WxDxH):	71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Measuring capacity [Max]:	100 N
Overload protection (of [Max]):	150 %
Preset unit:	N
Readability [d]:	0,020 N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 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

# KERN FS4-20

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells



## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

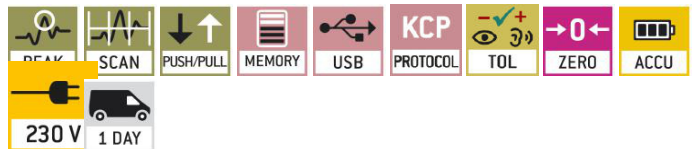
Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,260 kg
Net weight:	410 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm
Overall dimensions mounted (WxDxH):	71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Measuring capacity [Max]:	20 N
Overload protection (of [Max]):	150 %
Preset unit:	N
Readability [d]:	0,004 N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 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



# KERN FS4-200

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells



## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

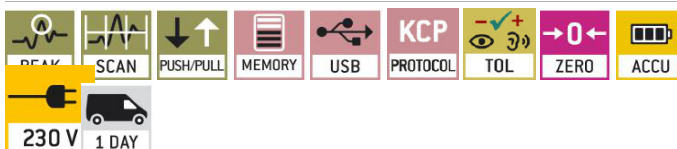
Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,260 kg
Net weight:	410 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm
Overall dimensions mounted (WxDxH):	71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Measuring capacity [Max]:	200 N
Overload protection (of [Max]):	150 %
Preset unit:	N
Readability [d]:	0,040 N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 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

# KERN FS4-50

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells



## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

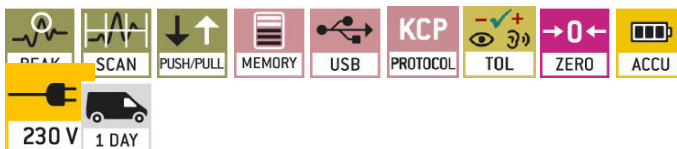
Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,260 kg
Net weight:	410 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm
Overall dimensions mounted (WxDxH):	71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Measuring capacity [Max]:	50 N
Overload protection (of [Max]):	150 %
Preset unit:	N
Readability [d]:	0,010 N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 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

# KERN FS4-500

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells



## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

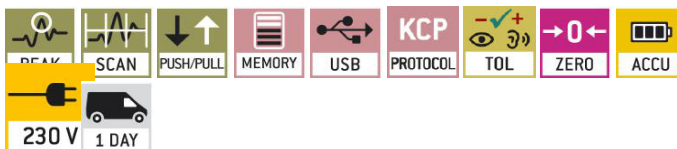
Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,260 kg
Net weight:	410 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm
Overall dimensions mounted (WxDxH):	71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Measuring capacity [Max]:	500 N
Overload protection (of [Max]):	150 %
Preset unit:	N
Readability [d]:	0,100 N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 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

# KERN FS4

Premium force gauge with integrated measuring cell (optional) and connection possibility for up to 4 external measuring cells

# KERN®



Overall dimensions mounted  
(WxDxH):

71 x 31 x 180 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Preset unit:	N
Test frequency:	1000 Hz

## Functions

Statistical function:	yes
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## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter/adaptor included:	EURO
Operating time (Backlight off):	8 h
Operating time (Backlight on):	5 h

## Category

Brand:	Sauter
Category:	Force gauges

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	280 x 185 x 90 mm
Gross weight:	1,160 kg
Net weight:	310 g
Shipping method:	Parcel service
UN number:	3481

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	71 x 31 x 180 mm
Dimensions of display device (WxDxH):	71 x 31 x 180 mm