

PRODUCT BROCHURE

SAUTER 283-483

Date: 29.04.2025

ENGLISH



Precise, mechanical force gauge in robust aluminium housing with Newton readout

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com



Scan here for more
information

DESCRIPTION

- Aluminium scale tube: robust, long service life, handy
- Newton scale: Measuring result displayed in Newton
- Double scale: For fast or precise recording of the measurement result
- Compressive force measurement: possible using an optional pressure set
- Carrying handle as standard
- Drag pointer as standard
- Suspension bow: thanks to the rotating suspension bow the scale can always be aligned to be at the very best line of sight
- High precision: Backlash-free spring bearing with integrated tare screw for highly-precise adjustment
- Non-fatigue stainless steel spring
- Clip loop which can be freely rotated of the lower suspension bracket by 360°
- High-quality workmanship: Wear-resistant, colour-anodised precision scale with high resolution for accurate readability of the measuring result

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	283-483
Model-Serie	283
Assortment	Sauter
Product Type	Force measurement
Product group	Mechanical force gauges & spring balances
Product usage type	Main article
EAN code (Model)	404576 1002227
Customs tariff number	90248000

Technical data - Primary

Max. Force	50 N
Readability	0.5 N

Technical data - Measuring system

Units	N
Tolerance (% from Max.)	0.3%
Force direction	tension

Technical data - Functions

Peak-Function	yes
---------------	-----

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	395×40×40 mm
Gross weight	0.45 kg
Net weight	0.35 kg
Shipping method	Parcel service

UN number	No dangerous goods
Packaging component - by weight - plastics	0 g
Delivery time	1 d

Optional Services

Factory calibration	961-1610
Factory calibration push only	961-1610

FUNCTIONS

Standard
 1 DAY
Option
 +4 DAYS

ACCESSORIES

Model	Description
285-890	Pressure Set SAUTER 285-890
285-892	Weight Bracket SAUTER 285-892
285-897	Drag Pointer SAUTER 285-897
285-893	Adaptation Kit SAUTER 285-893
285-894	Load bracket for spring balance SAUTER 285-894
285-896	Hook SAUTER 285-896
285-898	Adjustment bar SAUTER 285-898

SERVICES

Model	Description
961-1610	Factory calibration KERN 961-1610
970-014	Warranty extension KERN (+3 years) 970-014

RELATED ARTICLES DATA

Model name	Max. Force	Readability
283-152	1 N	0.01 N
283-252	3 N	0.02 N
283-302	6 N	0.05 N
283-402	10 N	0.1 N
283-422	25 N	0.2 N
283-483	50 N	0.5 N
283-502	100 N	1 N
283-602	200 N	2 N
283-902	500 N	5 N