

PRODUCT BROCHURE

SAUTER 283-422

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
- 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	283-422
Model-Serie	283
Assortment	Sauter
Product Type	Force measurement
Product group	Mechanical force gauges & spring balances
Product usage type	Main article
EAN code (Model)	4045761002210
Customs tariff number	84238180

Technical data - Primary

Max. Force	25 N
Readability	0.2 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)	230×26×17 mm
Gross weight	0.05 kg
Net weight	0.05 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



Option



ACCESSORIES

Model	Description
281-890	Spring balances SAUTER 281-890
281-892	Strong Bracket SAUTER 281-892
281-893	Thread Clamp SAUTER 281-893
285-892	Weight Bracket SAUTER 285-892

SERVICES

Model	Description
961-1610	Factory calibration KERN 961-1610
970-012	Warranty extension KERN (+2 years) 970-012

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

Model name	Max. Force	Readability
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