MEASURING TECHNOLOGY & TEST SERVICE 2024

Force measurement

Spring Balances SAUTER 281 · 285



Precise, mechanical spring balances in robust aluminium housing with g/kg readout

Features

- Aluminium scale tube: robust, long service life, handy
- Gram/Kilogram scale: Measuring result display in grams/kilograms instead of N
- Double scale: For fast or precise recording of the measurement result
- Compressive force measurement: possible using an optional pressure set, see *Accessories*
- Drag pointer and carrying handle: as standard for all models of the SAUTER 285 range
- 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° for models with [Max] ≤ 1 kg
- High-quality workmanship: Wear-resistant, colouranodised precision scale with high resolution for accurate readability of the measuring result

Technical data

- Measuring precision: ± 0,3% of [Max]
- Tare range: 20 % of [Max]

Accessories

- Pressure-Set, suitable for models with weighing range < 2,5 kg/25 N, SAUTER 281-890
- ■ Pressure-Set, suitable for models with weighing range ≥ 5 kg/50 N, SAUTER 285-890
- Clip, suitable for models with weighing range $\leq 2.5 \text{ kg}/25 \text{ N}$, SAUTER 281-151-002
- Drag pointer for spring balances, suitable for models with weighing range < 2,5 kg/25 N, SAUTER 281-051-001
- Drag pointer for spring balances, suitable for models with weighing range ≥ 5 kg/50 N, SAUTER 285-897

STANDARD	OPTION
	ISO
1 DAY	+4 DAYS

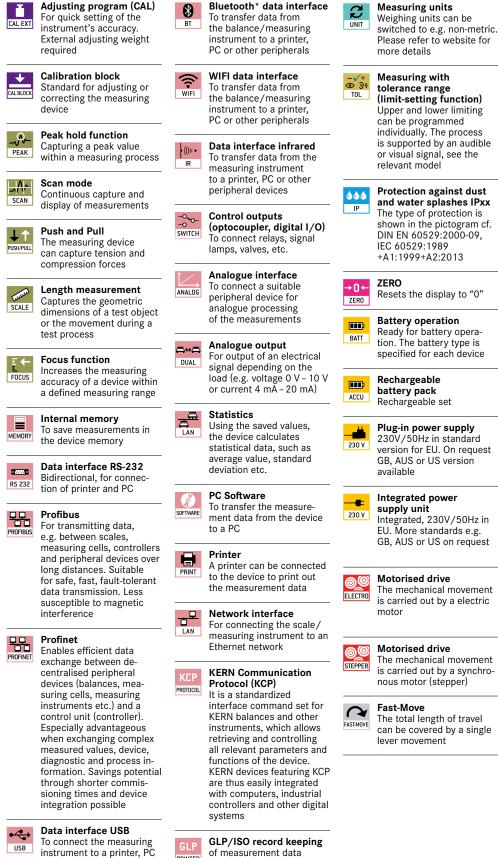
Model	Weighing range	Division	Load support	5 Dimensions			Option
				Lmin	Lmax	ø	Factory calibration certificate
	[Max]	[d]	-				-
SAUTER	N	N		mm	mm	mm	KERN
281-101	10	0,1	Clip	220	300	12	961-100
281-151	30	0,25	Clip	220	300	12	961-100
281-201	60	0,5	Clip	220	300	12	961-100
281-301	100	1	Clip	220	300	12	961-100
281-401	300	2	Clip	225	325	12	961-100
281-451	600	5	Clip	225	325	12	961-100
281-601	1000	10	Clip	225	325	12	961-100
281-752	2500	20	Hook	225	325	12	961-100
285-052	5000	50	Hook	370	510	32	961-100
285-102	10000	100	Hook	370	510	32	961-101
285-202	20000	200	Hook	370	510	32	961-101
285-352	35000	500	Hook	370	460	32	961-101
285-502	50000	500	Hook	370	460	32	961-101





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SAUTER Pictograms







Conformity assessment Models with type approval for construction of verifiable systems

SAUTER

DAkkS calibration DAkkS possible +3 DAYS

The time required for DAkkS calibration is shown in days in the pictogram

Factory calibration (ISO) ISO +4 DAYS

The time required for factory calibration is specified in the pictogram

Package shipment

1 DAY

2 DAYS

The time required for internal shipping preparations is shown in days in the pictogram

Pallet shipment

The time required for internal shipping preparations is shown in days in the pictogram

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