



Series TANTUM

DIGITAL PRESSURE GAUGE WITH DATA LOGGER

12 pressure ranges / 3 accuracy bands

Intuitive & Simple operation

Intelligent automatic measuring interval

Use under extremely difficult conditions

Automatically downloads CSV file via Plug-n-Play technology



Available
from May
2020

Digital pressure gauge // Series Tantum

SIKA presents its new Tantum series. The innovative generation of digital pressure gauges is simple, self-explanatory, intelligent and at the same time extremely precise. Derived from Latin, Tantum means "simple" or "only".

Measured values can be recorded and "simply" evaluated again without any previous knowledge or adjustments. This is made possible by our intelligent automatic measuring interval system. The data logger function of the Tantum can be used without drivers or additional software and thus provides measurement results quickly and efficiently. It is sufficient to "only" connect the measuring instrument to the PC. The Tantum is recognized like a USB stick.

Fast and flexible

- 12 measuring ranges
- 9 switchable pressure units
→ bar/mbar, kPa/MPa, PSI, kg/cm², mH₂O, inH₂O
- Sampling rate 10 ms and MIN / MAX value storage
→ Detection of smallest pressure peaks
- Use of batteries type 2 x 1.5 V AA
→ Operating time 1500 h

Data logger function

- 10 recording series with 48 hours each
- 27000 records per record series
1 data record consisting of:
Time / date / actual pressure / min / max
- **Intelligent automatic measuring interval**
→ Storage rate is defined automatically
→ Summary of all MIN and MAX values per recording series
- Evaluation via Plug & Play
→ no additional drivers or software required
- Readout via Mini-USB
→ no converters required
- Storage of the measured values in CSV format
→ Processing in spreadsheet and database programs
(e.g. Microsoft Excel, Apple Numbers, LibreOffice, etc.)

Messintervall-Automatik

Measuring duration (h)	Storage rate (sec)	Max. data sets
0...0,5	0,1	18000
0,5...1	0,2	18000
1...2	0,4	18000
2...4	0,8	18000
4...8	1,6	18000
8...16	3,2	18000
16...48	6,4	27000

Measuring ranges

Type	E2		D2		C2	
Accuracies*	0,5%		0,1%		0,05%	
	Resolution	max. overload	Resolution	max. overload	Resolution	max. overload
Pressure range	-1...3 bar	0,001 bar	12 bar	0,001 bar	12 bar	
	-1...5 bar	0,001 bar	18 bar	0,001 bar	18 bar	
	-1...10 bar	0,001 bar	30 bar	0,001 bar	30 bar	0,001 bar
	-1...20 bar	0,001 bar	50 bar	0,001 bar	48 bar	0,001 bar
	-1...40 bar	0,01 bar	80 bar	0,01 bar	80 bar	0,01 bar
	-1...60 bar	0,01 bar	120 bar	0,01 bar	120 bar	0,01 bar
	0...100 bar	0,01 bar	200 bar	0,01 bar	200 bar	0,01 bar
	0...160 bar	0,01 bar	320 bar	0,01 bar	320 bar	0,01 bar
	0...250 bar	0,1 bar	500 bar	0,1 bar	500 bar	0,1 bar
	0...400 bar	0,1 bar	800 bar	0,1 bar	800 bar	0,1 bar
	0...700 bar	0,1 bar	1200 bar	0,1 bar	1200 bar	0,1 bar
0...1000 bar	0,1 bar	1500 bar	0,1 bar	1500 bar	0,1 bar	

* ± [% FS + 1 digit] @ 25 °C

An extra bit of security

- Accidental switch-off not possible with activated data logger function
- Automatic storage of measured values during battery discharge
- Easy import of updates via Mini-USB



Use under extremely difficult conditions

- Backlit digital display, Digit height actual value 15 mm, Bar graph with slave pointer function, 270° rotatable
→ Easy reading from a long distance
- Oil- and dirt-resistant surface
- Protection class IP67
- Vibration resistant (5 g to 500 Hz)
- Shockproof (20g for 11 ms.)

Peter Genau already swears by SIKA Tantum. His 3-part measurement technology story starts on **07.05.2020** on linkedIn and YouTube.

THE FASTEST AND EASIEST
WAY TO MEASUREMENT
RESULTS. MY SIKA TANTUM.

” Peter Genau
Test Engineer



 YouTube

 LinkedIn