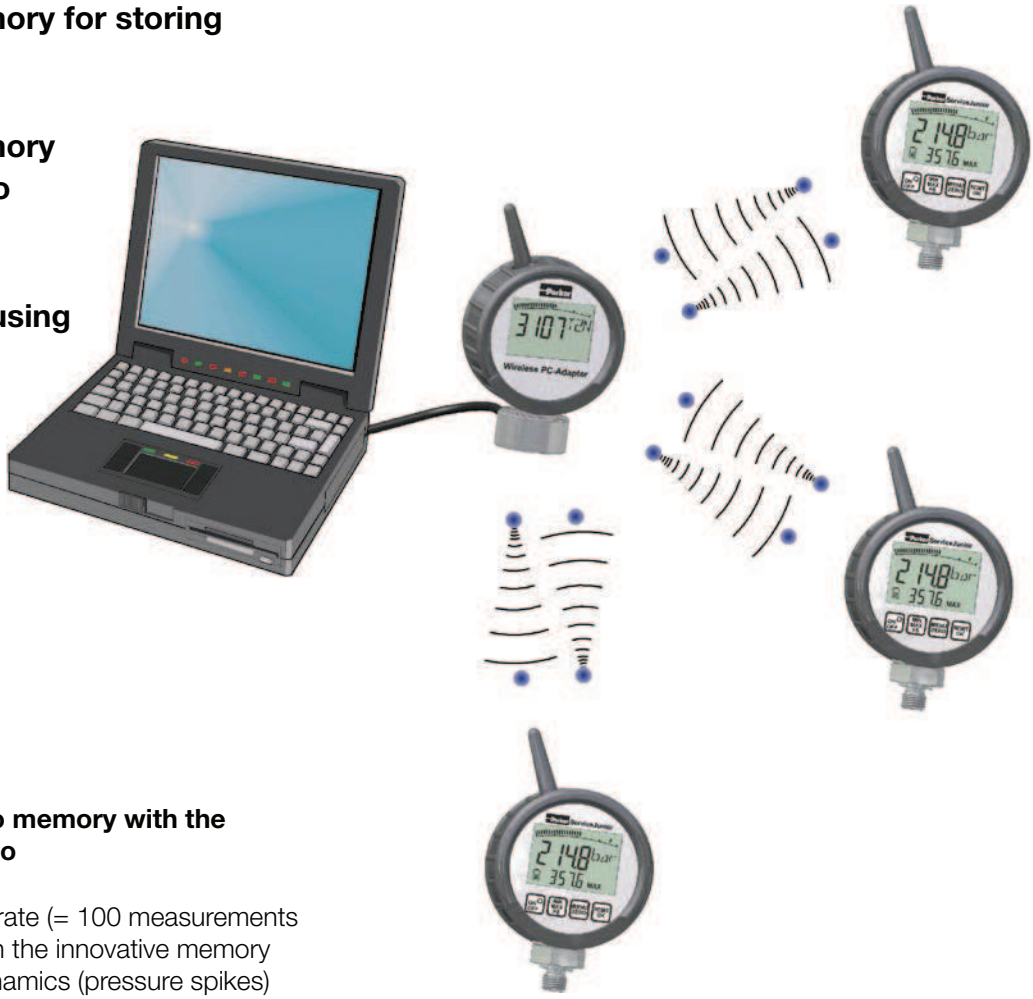
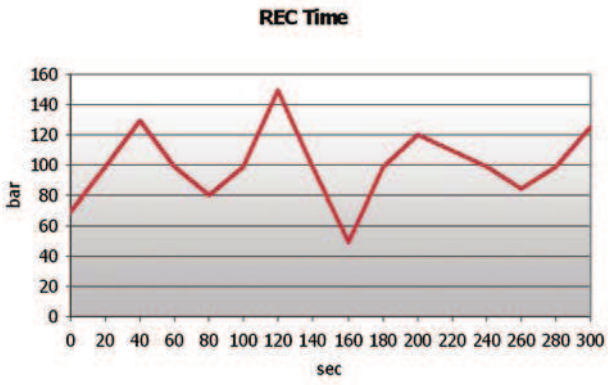
- **Network operations: monitor several measurement points**
- **Measured data memory for storing pressure sequences**
- **Read-out data from measured data memory to the PC via a radio interface**
- **Set and evaluate measurement data using PC software *"JuniorWin"***

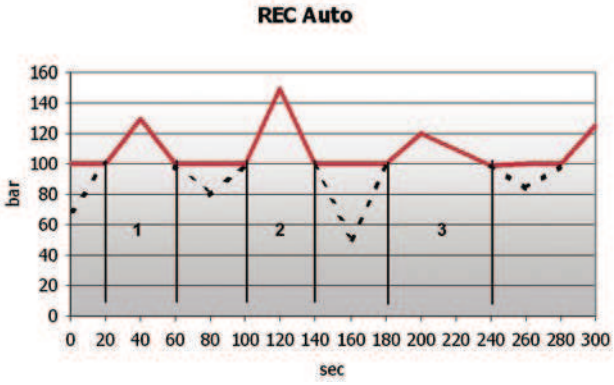


Example of measurement to memory with the settings REC Time/REC Auto

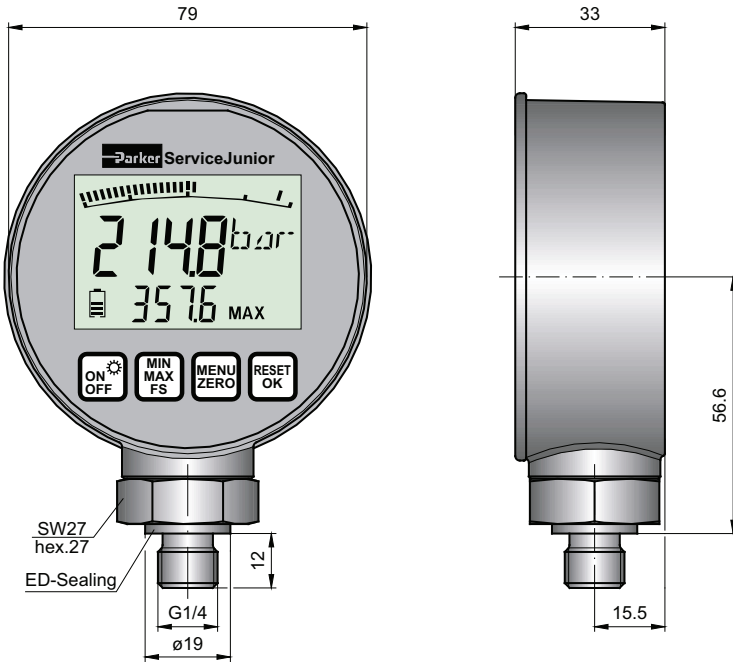
The constant 10 ms scanning rate (= 100 measurements per second) in conjunction with the innovative memory technology ensures that all dynamics (pressure spikes) are captured.
There are two measurement functions available to the user:



Measurement time (for example, 300 s);
5.000 measurement values are written into the memory and diagrammed as a curve.
Other measurement times can be set.



Pressure spike monitoring with limit value, for example 100 bar. All pressure values measured above 100 bar are stored to memory.



Technical Data					
Range (bar)	-1…16	0…100	0…400	0…600	0…1.000
Overload Pressure P_{max}	40	200	800	1.200	1.500
Burst Pressure (bar)	50	800	1.700	2.200	2.500
Housing	Ø = 79 mm; T = 33 mm Zinc die casting with rubber TPE protection cover				
Weight (g)	540				
Port	Stainless Steel 1.4404 1/4" BSPP (ISO 228-1)				
Input	Sensor element ceramics (16 bar) Strain gauge pressure measurement cell 10 ms scanning rate Accuracy ± 0,25% FS typ. ± 0,5% FS max. A/D converter 12 bit 4096 steps resolution				
Display	LC text display 4 ½ digits 50x34 mm Digit size: 15 mm Units: mbar/bar/PSI/Mpa/kPa Back lit illumination Bar graph (trailing indicator) with peak & hold function				
Sealing	NBR				
Parts in Contact with Media	Stainless Steel 1.4404, NBR, ceramic				

Technical Data	
Functions	Units: mbar/bar/PSI/Mpa/kPa MIN/MAX - FullScale Battery level display Auto power Off/On Zero (zero point equalization) Reset (Delete MIN/MAX)
PC-Function*	PC Software "JuniorWin" Read out data from memory to PC via radio interface (2,4 GHz) Operation range 50 m Setup of recording parameters
Memory Function*	5.000 Readings (MAX pressure peaks) Setup of storage interval REC TIME (Time based recording) REC AUTO (Pressure spike monitoring)
Power Supply	2 x 1,5 V alkaline batteries Battery life typ. 1.500/800* hours
Ambient Temperature (°C)	-10...+50
Storage Temperature (°C)	-20...+60
T_{max} Fluid (°C)	+80
Rel. Humidity	< 85%
Protection	EN 60529 (IP 67/IP 54*)
Vibration	IEC 60068-2-6/10…500Hz; 5 g
Shock Load	IEC 600068-2-29/25 g; 11 ms
Reliability Cycles (10^6)	100

* SCJNP = ServiceJunior *wireless*