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aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



The Parker Service Master Easy

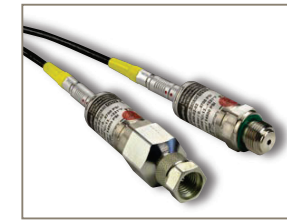
The multi-channel hand-held measuring instrument for simultaneously measuring, storing to memory and analysing



Tailor-made mobile measuring. The Parker Service Master Easy makes it possible!

The advantages of the The Parker Service Master Easy at a glance

- High quality maintenance in the workshop
- Rapid fault finding and repair on site
- Increase working efficiency
- Unequaled in its performance class
- Best price-to-performance ratio
- Higher memory capacity than comparable products
- Equipped with PC connection
- Rugged, impact-proof and shock-proof housing
- Bright and easily-read display
- Large size digit images
- Illumination
- Can be read in the dark or poor light conditions



SCP pressure sensor
- Measurement of pressure peaks up to 1,000 bar
- Typical accuracy $\pm 0.25\%$ FS



SCT temperature sensor
- Precise measurement of oil temperatures up to 125°C
- Screw-in or manual probe



SCFT flow measurement turbine
- Measuring ranges up to 750 l/min
- Built-in pressure and temperature connections



SCRPM rpm sensor
- Simple and rapid rpm measurement
- Up to 10,000 rpm

Everything is under control with SensoControl®.

Sensor recognition

- Proven and reliable technology
- No extra settings required on this instrument

Operation via keyboard

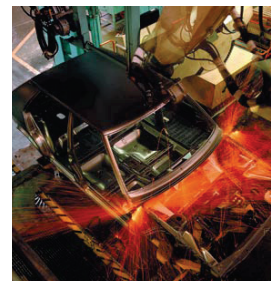
- Simple navigation via arrow keys
- Measured value recording with pre-setting: the user is taken through the test procedure (sensor selection, channels, etc.)

Display

- Large characters, backlit display
- Connected sensor identification (p1, p2, etc.)

Memory functions

- START/STOP (manual start/stop)
- POINT (measured value memory via keystrokes)
- AUTO TRIGGER (start automatically at 125 bar, for example memory time 5 min)
- MANUAL (start manually, for example memory time 10 min)



Memory functions

- Convenient memory size
- Rapid peak value memory (1 ms)
- ACT or MIN/MAX data format

PC SensoWin® software

- Changes and manages instrument settings
- Defines pre-set instrument settings
- Reads, archives and analyses curve charts

Automatic test procedure

- For repeat measuring tasks
- Initiating pre-determined hydraulic tests
- Parameter checking (sensors/memory functions)
- Rapid and reliable implementation of machine testing

Accessories/service

- Connecting cable and adaptor
- Sensors for pressure, volume flow, temperature and rpm
- Instrument carrying case
- Instrument/sensors calibrated in accordance with ISO 9001

Significant data:

Technical data	
Input	Sensor recognition (p/T/Q/n) External sensor connection Plug connector: 5-pin push-pull Resolution: 12 bit + sign = 4,096 steps
Scanning interval	1 ms 0,25 ms FAS MODE (IN1)
Display	LCD 128 x 64 pixels, area 72 x 40 mm Backlit display Digit height 6 mm
Input	Foil-covered keyboard
Interface	USB 2.0 OnLine speed 20 ms ACT-MIN-MAX
Display functions	Difference; addition; output; volume ACT; MIN; MAX; FS; TEMP
Measured values recording	Measured values recording: 1,000,000 points Curve memory: 250,000 points Data format: ACT; MIN-MAX FAST (0.25 ms) IN1 Interval (e.g. 5 ms) Points/channel (2,000) Memory configuration:
Environmental conditions	Environmental temperature: 0 ... 50°C Storage temperature: -25°C ... 60°C Temperature error: 0.02% / °C Relative humidity: < 80% Protection class: EN 60529 IP 54 (water spray, oil) Drop test: IEC 6008-2-32
CE	DIN / EN 61000-6-2 DIN / EN 61000-6-3
Power supply (external)	11 ... 30 VDC Power pack 110/240 VAC-15 VDC (SCSN-450) Vehicle adaptor(12/24 VDC) (SCK-318-05-21)
Battery	NiMH Charging time: 180 min Operating time: 8 hours
Housing	Polyamide 235 x 106 x 53 mm Weight: 530 g
SensoWin® PC Software	Reads and shows measured data, analyses on PC, reads instrument settings, processes, loads instrument settings from library into measuring instrument

Handily packed and ready to hand.

Manual measuring instrument part numbers:	Included with instrument:
SCM-330-2-02 (3-channel)	Power pack SCSN-450 (110/230 VAC) EUR/US/UK plug
SCM-340-2-02 (4-channel)	SensoWin® PC software incl. USB cable

Description	Part Number	SCKIT-330-00	SCKIT-340-00	SCKIT-340-PTQ
Aluminium instrument carrying case with compartments for accessories (SCPT/SCT cable/ adaptor/sensors, etc.)	SCC-750	1	1	—
Plastic instrument carrying case with insert for SCT-150-DRV	SCC-560	—	—	1
Manual measuring instrument	SCM-330-2-02	SCM-330-2-02	SCM-340-2-02	SCM-340-2-02
PC software incl. USB cable	SCSW-KIT-400	1	1	1
Pressure sensor (600 bar)	SCPT-600-02-0	—	—	2
Temperature sensor (125°C)	SCT-150-04-02	—	—	1
Measuring turbine (150 l/min) with load valve	SCFT-150-DRV	—	—	1
Connecting cable (3 m)	SCK-102-03-02	3	2	2
Connecting cable (5 m)	SCK-102-05-02	—	2	2
M16x2 adaptor for diagnostic hose	SCA-EMA-3/3	2	2	2
Diagnostic hose 1.5 m	SMA3-1500	2	2	2

For further accessories and technical data, please see catalogue 4054 (Diagnostic Test Equipment for Hydraulics).

