

Parker Worldwide

AE – UAE, Dubai
Tel: +971 4 8127100
parker.me@parker.com

AR – Argentina, Buenos Aires
Tel: +54 3327 44 4129

AT – Austria, Wiener Neustadt
Tel: +43 (0)2622 23501-0
parker.austria@parker.com

AT – Eastern Europe, Wiener Neustadt
Tel: +43 (0)2622 23501 970
parker.easteurope@parker.com

AU – Australia, Castle Hill
Tel: +61 (0)2-9634 7777

AZ – Azerbaijan, Baku
Tel: +994 50 2233 458
parker.azerbaijan@parker.com

BE/LU – Belgium, Nivelles
Tel: +32 (0)67 280 900
parker.belgium@parker.com

BR – Brazil, Cachoeirinha RS
Tel: +55 51 3470 9144

BY – Belarus, Minsk
Tel: +375 17 209 9399
parker.belarus@parker.com

CA – Canada, Milton, Ontario
Tel: +1 905 693 3000

CH – Switzerland, Etoy
Tel: +41 (0) 21 821 02 30
parker.switzerland@parker.com

CN – China, Shanghai
Tel: +86 21 5031 2525

CZ – Czech Republic, Klecany
Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst
Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup
Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid
Tel: +34 902 33 00 01
parker.spain@parker.com

FI – Finland, Vantaa
Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve
Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Athens
Tel: +30 210 933 6450
parker.greece@parker.com

HK – Hong Kong
Tel: +852 2428 8008

HU – Hungary, Budapest
Tel: +36 1 220 4155
parker.hungary@parker.com

IE – Ireland, Dublin
Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IN – India, Mumbai
Tel: +91 22 6513 7081-85

IT – Italy, Corsico (MI)
Tel: +39 02 45 19 21
parker.italy@parker.com

JP – Japan, Tokyo
Tel: +(81) 3 6408 3901

KR – South Korea, Seoul
Tel: +82 2 559 0400

KZ – Kazakhstan, Almaty
Tel: +7 7272 505 800
parker.easteurope@parker.com

LV – Latvia, Riga
Tel: +371 6 745 2601
parker.latvia@parker.com

MX – Mexico, Apodaca
Tel: +52 81 8156 6000

MY – Malaysia, Subang Jaya
Tel: +60 3 5638 1476

NL – The Netherlands, Oldenzaal
Tel: +31 (0)541 585 000
parker.nl@parker.com

NO – Norway, Ski
Tel: +47 64 91 10 00
parker.norway@parker.com

NZ – New Zealand, Mt Wellington
Tel: +64 9 574 1744

PL – Poland, Warsaw
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal, Leca da Palmeira
Tel: +351 22 999 7360
parker.portugal@parker.com

RO – Romania, Bucharest
Tel: +40 21 252 1382
parker.romania@parker.com

RU – Russia, Moscow
Tel: +7 495 645-2156
parker.russia@parker.com

SE – Sweden, Spånga
Tel: +46 (0)8 59 79 50 00
parker.sweden@parker.com

SG – Singapore
Tel: +65 6887 6300

SK – Slovakia, Banská Bystrica
Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto
Tel: +386 7 337 6650
parker.slovenia@parker.com

TH – Thailand, Bangkok
Tel: +662 717 8140

TR – Turkey, Istanbul
Tel: +90 216 4997081
parker.turkey@parker.com

TW – Taiwan, Taipei
Tel: +886 2 2298 8987

UA – Ukraine, Kiev
Tel: +380 44 494 2731
parker.ukraine@parker.com

UK – United Kingdom, Warwick
Tel: +44 (0)1926 317 878
parker.uk@parker.com

US – USA, Cleveland
Tel: +1 216 896 3000

VE – Venezuela, Caracas
Tel: +58 212 238 5422

ZA – South Africa, Kempton Park
Tel: +27 (0)11 961 0700
parker.southafrica@parker.com

European Product Information Centre
Free phone: 00 800 27 27 5374
(from AT, BE, CH, CZ, DE, EE, ES, FI, FR, IE,
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The Parker Service Master Easy

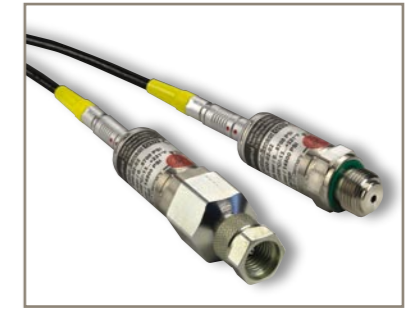
The multi-channel hand-held measuring instrument for simultaneously measuring, storing to memory and analysing



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

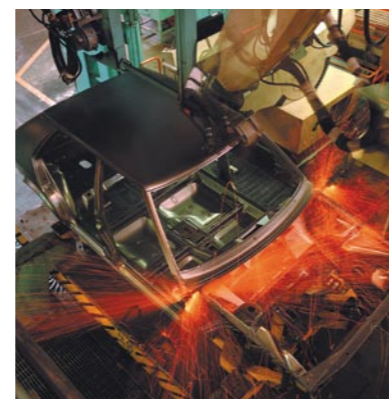
- Simple navigation via arrow keys
- Measured value recording with pre-setting: the user is taken through the test procedure (sensor selection, channels, etc.)

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 Memory configuration: Interval (e.g. 5 ms) Points/channel (2,000)
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).

