

# 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-600-02-02	-	-	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 4054-1 (Diagnostic Test Equipment for Hydraulics).



Manual measuring instrument

The **Parker** Service Master *Easy*

Parker Fluid Connectors Group Europe

Parker Hannifin Ges.mbH
A-2700 Wiener Neustadt
Tel: +43 2622 23501
Fax: +43 2622 66212

Parker Hannifin Corporation
AE-Abu Dhabi
Tel: +971 2 6788587
Fax: +971 2 6793812

Parker Hannifin Corporation
AZPAR - Techn. Repr. for
Parker Hannifin plc
AZ-1000 Baku
Tel/Fax: +994 12 4983966

Parker Hannifin S.A.-N.V.
B-1400 Nivelles
Tel: +32 67280900
Fax: +32 67280999

Parker Hannifin s.r.o.
CZ-250 67 Klecany
Tel: +420 2 84083111
Fax: +420 2 84083112

Parker Hannifin GmbH & Co. KG
D-41564 Kaarst
Tel: +49 2131 4016-0
Fax: +49 2131 4016-9199

Parker Hannifin Danmark A/S
DK-2750 Ballerup
Tel: +45 43560400
Fax: +45 43733107

Parker Hannifin España S.A
E-28850 Torrejón de Ardoz (Madrid)
Tel: +34 91 6757300
Fax: +34 91 6757711

Parker Hannifin Corporation
EG-Cairo
Tel: +20 2 5194018
Fax: +20 2 5190605

Internet: http://www.parker.com/euro_tfd

Parker Hannifin France SAS
F-74130 Contamine-sur-Arve
Tel: +33 450258025
Fax: +33 450978660

Parker Hannifin Oy
FI-01510 Vantaa
Tel: +358 207532500
Fax: +358 207532200

Parker Hannifin Ltd.
GB-Derby DE24 8JA
Tel: +44 1332 365631
Fax: +44 1332 368038

Parker Hannifin Corporation
GR-171 21 Athens
Tel: +30 21 0933-6450
Fax: +30 21 0933-6451

Parker Hannifin Corporation
H-1149 Budapest
Tel: +36 1 220-4155
Fax: +36 1 422-1525

Parker Hannifin S.p.A.
I-20094 Corsico (MI)
Tel: +39 02 451921
Fax: +39 02 4479340

Parker Sales Ireland Ltd
IE-Baldonell, Co. Dublin
Tel: +353 1 4666370
Fax: +353 1 4666376

Parker Hannifin Corporation
Gateway Ventures Ca Ltd.
KZ-480100 Almaty
Tel: +7 327 2505800
Fax: +7 327 2505801

Parker Hannifin A/S
N-1402 Ski
Tel: +47 64 91 10 00
Fax: +47 64 91 10 90

Parker Hannifin B.V.
NL-7570 AH Oldenzaal
Tel: +31 541 585000
Fax: +31 541 585459

Parker Hannifin Sp.z o.o.
PL-02-235 Warszawa
Tel: +48 22 5732400
Fax: +48 22 5732403

Parker Hannifin Portugal Lda
PT-4450-625 Leça da Palmeira
Tel: +351 22 9997360
Fax: +351 22 9961527

Parker Hannifin Corporation
Hidro Consulting Impex Srl
RO-021381 Bucharest
Tel: +40 21 2521382
Fax: +40 21 2523381

Parker Hannifin LLC
RU-123083 Moscow
Tel: +7 495 6412156
Fax: +7 495 6121860

Parker Hannifin Corporation
RU-693000 Yuzhno-Sakhalinsk
Tel/Fax: +7 4242 752742

Parker Hannifin AB
SE-16308 Spånga
Tel: +46 8 59795000
Fax: +46 8 59795110

Parker Hannifin Corporation
SI-8000 Novo Mesto
Tel: +386 7 337-6650
Fax: +386 7 337-6651

Parker Hannifin Corporation
TR-34067 Merter/Istanbul
Tel: +90 212 48291-06/07
Fax: +90 212 48291-10

Parker Hannifin Corporation
UA-01004 Kiev
Tel: +380 44 4942731
Fax: +380 44 4942730

Parker Hannifin Africa
ZA-Kempton Park
Tel: +27 11 9610700
Fax: +27 11 3927213

For further information on other Parker Products, call the European Product Information Centre free of charge on 00800 2727 5374.



SensoControl®

Bulletin 4057/UK

The Parker Service Master Easy

Rugged outside- intelligent inside!

- 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

everything easy!

Unpack – measure – analyse

- **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.)

Hardware

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

- Bright and easily-read display**
- Large size digit images**
- Illumination**
- Can be read in the dark or poor light conditions**

With SensoControl® measuring and diagnostic instruments you can deliver a very good job:

- High quality maintenance in the workshop
- Rapid fault finding and repair on site
- Increase working efficiency

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



SCP pressure sensor
 ■ Measurement of pressure peaks up to 1,000 bar
 ■ Typical accuracy ± 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

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 FAST 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: Curve memory: Data format	1,000,000 points 250,000 points ACT; MIN-MAX FAST (0.25 ms) IN1 Interval (e.g. 5 ms) Points/channel (2,000)
Environmental conditions	Environmental temperature: Storage temperature: Temperature error: Relative humidity: Protection class:	0 ... 50°C -25°C ... 60°C 0.02% / °C < 80% EN 60529 IP 54 (water spray, oil) IEC 60068-2-32
Drop test:		
CE	DIN / EN 61000-6-2 DIN / EN 61000-6-3	
Power supply (external)	11 ... 30 VDC Power pack 110/240 VAC-15 VDC Vehicle adaptor (12/24 VDC)	(SCSN-450) (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	

