3 The Parker Service Master *Easy*

The Parker Service Master *Easy*

- 3-channel and 4-channel versions
- Easy operation due to automatic sensor recognition
- PC connection
- Calculation channels
- Integrated memory
- Trigger saving
- Incl. PC software SensoWin®



The Parker Service Master *Easy* is a multi-channel handheld measuring device for the simultaneous measuring of important hydraulic values.

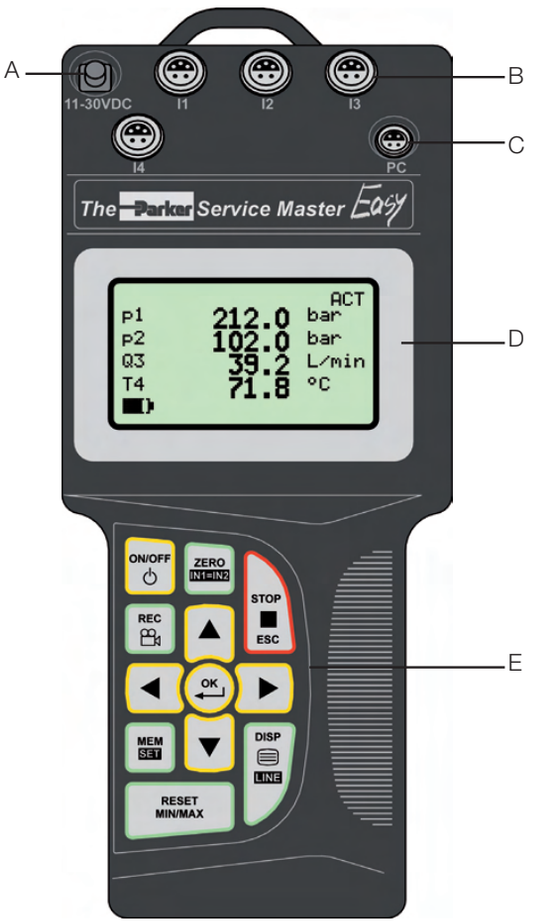
All hydraulic parameters such as pressure, differential pressure, flow and hydraulic power can be measured, displayed, saved and processed.

To meet the requirements of both modern industrial hydraulics and complex mobile hydraulics, we offer a range of different models.

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Function specifications



A	11-30 VDC port for power supply 110/230 VAC-15 VDC or car cable adapter 12/24 VDC
B	I1 – I4 sensor connections
C	PC (USB) port
D	Display
E	Keypad
ON/OFF	ON/OFF
OK	Confirmation of function/value
◀ ▶ ▲ ▼	Selection of function/value
STOP ESC	Stop/Escape
Menu keys	
ZERO IN1=IN2	■ Zero-point correction ■ Differential value alignment
MEM SET	■ Memory configuration ■ Main menu (device settings)
DISP LINE	■ MIN, MAX/ACT or FS display ■ Display configuration
REC	Measured value recording
RESET MIN/MAX	Reset MIN and MAX values

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Technical data

The Parker Service Master *Easy*	
Input	3 or 4 Parker analogue inputs with sensor recognition
Plug connection	5 pin, push-pull
Accuracy	
Accuracy	± 0.2 % FS ± 1 digit
Scanning rate	1 ms 0.25 ms FAST MODE (IN1)
Interface	USB 2.0, compatible with USB 1.1 Min. 5 ms online data transmission ACT, MIN, MAX
Memory	Start/Stop, trigger and point measuring
Measured value storage	1,000,000 points
Curve memory	240,000 points
Data format	ACT MIN/MAX FAST (0.25 ms) IN1
Memory configuration	Interval (e.g. 5 ms) Points/channel (2,000)
Display	
LCD resolution	128 x 64 pixels with back-lit illumination
Visible area	72 x 40 mm
Digit size	6 mm (with 4-line display)
Functions	Difference, addition, hydraulic power, volume, ACT, MIN, MAX, FS, TEMP display, battery level
Power supply (external)	11 … 30 VDC
Power supply	110/240 VAC-15 VDC
Car cable adapter	12/24 VDC
Rechargeable battery	
Type	NiMH
Operating time	with 3 sensors approx. 8 h
Housing	Polyamide, 235 x 106 x 53 mm, weight: 530 g
Ambient conditions	
Ambient temperature	0 ... 50 °C
Storage temperature	-25 °C ... 60 °C
Temperature error	0.02 % / °C
Rel. humidity	< 80 %
Type of protection	IP 54 EN 60529
Drop test	IEC 60
PC software SensoWin®	Read-out, display, computer analysis of measured data, read-out, alteration of device settings, loading of device settings from library onto handheld device

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Supply range and accessories

The Parker Service Master *Easy* with power supply unit SCSN/PC software SensoWin®/PC cable		**Order code**
The Parker Service Master *Easy*	3-channel	SCM-330-2-02
The Parker Service Master *Easy*	4-channel	SCM-340-2-02

Spare parts/accessories		**Order code**
Power supply	110/230 VAC EUR/UK/US	SCSN-450
Car cable adapter	12/24 VDC	SCK-318-05-21
PC connection cable	USB	SCK-315-02-34
Spare rechargable battery		SC-BAT-340
Equipment case		SCC-DRV-300

The Parker Service Master *Easy* kits	**Order code**		
	SCKIT-330-00	**SCKIT-340-00**	**SCKIT-340-PTQ**
Equipment case SCC-DRV-300	1	1	1
The Parker Service Master *Easy*	SCM-330-2-02	SCM-340-2-02	SCM-340-2-02
Pressure/temperature sensor 0...600 bar SCPT-600-02-02	—	—	2
Temperature sensor SCT-190-00-02	—	—	1
Turbine flow meter SCFT-150-DRV	—	—	1
3-m connection cable SCK-102-03-02	3	2	2
5-m connection cable SCK-102-05-02	—	2	2
Adapter (M16x2 male - M16x2 male) SCA-EMA-3/3	2	2	2
Test hose 1,500 mm (M16x2) SMA3-1500	2	2	2
	Please order further accessories/sensors separately		

The Parker Service Master *Easy* with calibration certificate as per ISO 9001		**Order code**
The Parker Service Master *Easy*	3-channel	K-SCM-330-2-02
The Parker Service Master *Easy*	4-channel	K-SCM-340-2-02
The Parker Service Master *Easy* kit		K-SCKIT-330-00
The Parker Service Master *Easy* kit		K-SCKIT-340-00
The Parker Service Master *Easy* p-Q kit		K-SCKIT-340-PTQ

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