The Parker Service Master Easy

340 Test Meter Kit Includes:
- The Case
- The Parker Service Master Easy Meter
- 2 Transducer Cables (10 Ft.)
- Power Supply
- SensoWin Software
- SC-CD 4082
- USB Computer Cable
- Operating Manual

Ordering Information:
PDSME XX - X - XX - XX

Additional Transducers

Pressure Range

Diagnostic Style

Flow Sensors

Flow Range

Fast Measuring & Analysis Capability...

coupled with a more efficient and user-friendly interface. This multi-channel instrument offers accuracy, expanded memory and intuitive performance to meet your most demanding expectations.

Offering the latest in sensor recognition technology, the Parker Service Master Easy gives you the ability to measure and store data relating to pressure, flow, temperature and rotational speed simultaneously, or switch between them with ease.

On site data storage – has never been easier or as powerful. The 0.25 ms scanning rate catches even the most instantaneous pressure spikes, flow surges and temperature changes. More than one million data points allow you to store or download the data to your PC.

Model SCM-340-2-02 Features:
- Ideal for both hydraulic and pneumatic systems
- Easy, intuitive operation
- Large legible display
- Auto sensor recognition
- MIN/MAX Memory
- Multiple sensor inputs
- Battery monitoring
- Plug and Play Software Recognition
- Simultaneous Multi-line Display

Contact Information:
Parker Hannifin Corporation
Quick Coupling Division
8145 Lewis Road
Minneapolis, MN 55427
Phone 763 544 7781
Fax 763 544 3416
qcd_sales@parker.com
www.parker.com/quickcouplings

The Parker Service Master Easy
Diagnostic Meter

- Measures and Documents Flow, Pressure, Voltage, Current, Temperature and Rotation Speed
- Ideal for both hydraulic and pneumatic systems
- Easy, intuitive operation
- Large legible display
- Auto sensor recognition
- MIN/MAX Memory
- Multiple sensor inputs
- Battery monitoring
- Plug and Play Software Recognition
- Simultaneous Multi-line Display

Schematic

Test Meter Kits

- The Parker Service Master Easy
- Pressure and Rotation Speed
- SCFT-XXX - XXX

Additional Transducers

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SensoControl Flow Sensors

The Parker Service Master Easy Diagnostic Meter

Function Descriptions

- Flow run-out (display only)
- Battery level indicator
- MIN/MAX Memory
- 12-Bit A/D Converter (4096 steps)
- Automatic Sensor Recognition for Four 5-pin push-pull style
- Temperature in °F and °C
- Pressure in PSI and Bar
- Display of Pressure, Temperature, Flow and RPM
- Digital LCD Text Display

Pressure Transducer Options

- Measurement ranges: Vacuum to 5,750 PSI
- Color coded for easy identification
- Corrosion-resistant stainless steel housing
- Accuracy of ±5% Full Scale (FS)
- Available with PD, PDP or EMA style diagnostic couplings

Parker Service Master Easy Diagnostic Meter

Technical Data

- Resolution: 5 RPM
- Excitation Voltage: 7 – 9 VDC
- Non-conformity (%FS): 0.25 – 0.2
- Hysteresis (%FS Typical): 0.1 – 0.05
- Output Signal (Volts): -0.2 to 2
- Max. Overload Pressure: 290 PSI
- Color Code: Blue, Green, Yellow, Orange, Red
- Measuring Range (Pressure): -14.5 to 235 PSI
- Fluid Temperature Range: -13° to 221°
- Working Temperature Range: -4° to 185°
- Temperature Range: 0°F to +120°F
- Fluid Pressure Rating: 6000 PSI
- Response Time: <1 ms
- Accuracy: 0.5% FS
- Current Requirement: 10 mA
- Part Number: SCRPM-001, SCRPM-002

Flow Transducer Options

- Measuring Flow Sensor
- Temperature Sensor
- Voltage Adapter
- SCRFM-100-04-02
- Temperature Data
- Thermistor Adapters
- Voltage Adapter
- 0 to 5 pin
- 0 to 10 VDC
- 0 to 5 or 10 VDC
- 5 pin
- 10 VDC
- 1-5 VDC
- 0 to 5 VDC

Flow Sensors Technical Data

- Pressure Rating: 5000 PSI
- Temperature Range: -25°C to 125°C
- Ambient Temperature: 0°C to 50°C
- Power Requirement: 12 or 48 Volt DC
- Current Requirement: 10 mA
- Temperature Range: 0°F to +120°F

Material Specifications

- Flow Block: Anodized Aluminum
- Tube: Stainless Steel
- Seal Material: EPTFE
- Electrical Connection: 3 pin or 5 pin female

Flow Sensor, transducer and cables are interchangeable between Serviceman and the Parker Service Master Easy meters.

SensoControl Flow Sensors

These flow sensors are a compact light-weight aluminum diagnostic tool capable of measuring pressure, temperature and flow from a single test point in a hydraulic system.

These flow sensors are designed to be used with a wide variety of flow devices. The design also features pressure sensors or with an SCTA-1/4 port adapter. These flow sensors are a compact light-weight aluminum diagnostic tool capable of measuring pressure, temperature and flow from a single test point in a hydraulic system.

Flow sensors are provided with a choice of PD, PDP or EMA style diagnostic couplings and are designed to be used with Sensocontrol™ and the Parker Service Master Easy, Flow Sensor, transducer and cables are interchangeable between Serviceman and the Parker Service Master Easy meters.

Temperature Sensor for Serviceman and the Parker Service Master Easy Diagnostic Meter. This sensor is a precision measurement of rotational speed. 5 pin push-pull style connector.

Contact adapter for belt drive/wheel. 4 – green: 5 pin to 5 pin cable. 4 pin blue. 5 pin yellow.

5 pin to 5 pin Cables

5 pin to 5 pin Cables

Flow sensor, transducer and cable can be used with both Serviceman and the Parker Service Master Easy diagnostic equipment.

Temperature Sensor for Serviceman and the Parker Service Master Easy Diagnostic Meter. This sensor is a precision measurement of rotational speed. 5 pin push-pull style connector.

SCRFM-001

Part Number

0 to 5 VDC

Data Sheet

Part Number

SCRFM-001

SCRFM-002

Part Number

SCRFM-003