For further information on other Parker Products, call the European Product Information Centre

Internet: http://www.parker.com/euro_tfd
**Bright and easily-read display**

**Large size digit images**

**Illumination**

**Can be read in the dark or poor light conditions**

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**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 (sensor/mem 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**

**Input**

- **Sensor recognition (p/T/Q/n)**
- **External sensor connection**
- **Plug connector: 8-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**

- **Full-covered keyboard**

**Interface**

- **USB 2.0**
- **OnLine speed: 20 ms**
- **ACT/IN1/IN2/IN3**

**Display functions**

- **Difference; addition; output; volume**
- **ACT/MIN/MAX/T/TEMP**

**Measured values recording**

- **Measured value 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)**

**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)**
- **Drip test:**
  - **EC E06066-2-32**

**CE**

- **DIN / EN 61000-6-2**
- **DIN / EN 61000-6-3**

**Power supply (external)**

- **11 ... 30 VDC**
- **Power pack 110/240 VAC-15 VDC**
- **Vehicle adaptor (12/24 VDC)**
  - **SCTN-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**

**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:**
  - **Sensor selection, channels, etc.**

**Display**

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

**Hardware**

- **Memory functions**
  - **Conserved 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)**
  - **(start manually for example memory time 10 min)**

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