

PSR140 Reader/Programmer

The PSR140 is a Reader/Programmer for the complete range of encoded water meters and counters, from Elster Metering. It allows the user to download a detailed audit trail of all operations performed, enabling a complete record of all programming and reading activities.



Features and benefits

- Easy to use
- Simple menu driven operation
- High contrast 3 line display
- Programs meter serial numbers, numeric and alpha-numeric
- Quickly copy a ScanCounter set up using the clone feature
- Stop unauthorized use by password protecting the programming ability

Compatibility

The PSR140 is compatible with all Elster encoded water meters and ScanCounter products.

- ScanCounter I and II
- PitScan
- ScanCoder encoded meters
- InVISION™ encoded meters

Audit trail

- View details of all meters or counter devices read or programmed directly on the display, or
- Download the data to a PC

The file includes details of:

- The operation performed (Read or Program)
- The meter/device type
- The reading value
- Date and time of the reading
- Device status
- ScanCounter's enabled features

| Type | Serial Number | S | Value | Units | Status | Feature | LRD Value | L | Read Date | Read Time | Upload Date | Operation |
|---------------|---------------|----|-----------|-----------------|--------|---------|-----------|----|------------|-----------|-------------|-----------|
| ScanCounter-1 | 963000000 | 05 | 008523 | cubic metres | T | | | | 2006-02-09 | 13:49:37 | 2006-02-10 | Read |
| InVision-2 | 456300012 | 07 | 0002.33 | US gallons*1... | | | | | 2006-02-09 | 13:49:57 | 2006-02-10 | Read |
| ScanCounter | 0060123509 | 06 | 1234.586 | cubic metres | | X_Y_V | 1200 | | 2006-02-09 | 16:33:41 | 2006-02-17 | Program |
| ScanCounter | 0060123510 | 06 | 1234.5748 | cubic metres | | X_T_M | | | 2006-02-09 | 16:33:41 | 2006-02-10 | Read |
| ScanCounter-2 | 4432013247 | 05 | 3400 | cubic metres | T | | | | 2006-02-09 | 16:33:02 | 2006-02-10 | Read |
| Encoder | 4432010029 | 05 | 3240 | cubic metres | F | X_T_M | | | 2006-02-09 | 16:33:35 | 2006-02-10 | Read |
| Encoder | 4432010029 | 05 | 3240 | cubic metres | F | | | | 2006-02-09 | 16:33:41 | 2006-02-10 | Read |
| InVision-2 | 0123456789 | 07 | 002.33 | US gallons*1... | F | | | | 2006-02-09 | 16:33:41 | 2006-02-10 | Read |
| Encoder | 4432087234 | 05 | 567 | cubic metres | F | | | | 2006-02-09 | 16:33:41 | 2006-02-10 | Read |
| Encoder | 0078 | 05 | 0078 | cubic metres | F | | | | 2006-02-09 | 16:33:41 | 2006-02-10 | Read |
| ScanCounter | 0365.655 | 05 | 0365.655 | cubic feet*100 | T | | | | 2006-02-09 | 16:33:41 | 2006-02-10 | Read |
| ScanCounter-1 | 9630014322 | 05 | 008599 | cubic metres | T | | | | 2006-02-09 | 10:36:55 | 2006-02-10 | Read |
| InVision-2 | 4563000000 | 07 | 0002.33 | US gallons*1... | | | | | 2006-02-09 | 10:36:55 | 2006-02-10 | Read |
| InVision-2 | 4563000001 | 07 | 0002.38 | US gallons*1... | | | | | 2006-02-09 | 10:36:55 | 2006-02-10 | Read |
| Encoder | 4563000002 | 05 | 0340 | cubic metres | | | | | 2006-02-09 | 10:47:25 | 2006-02-17 | Program |
| Encoder | 4563000003 | 05 | 0003 | cubic metres | | | | | 2006-02-09 | 10:47:44 | 2006-02-17 | Program |
| InVision-2 | 4563000004 | 07 | 0002.33 | US gallons*1... | | | | | 2006-02-09 | 10:48:17 | 2006-02-17 | Program |
| ScanCounter-2 | 0060123510 | 06 | 1234.5748 | cubic metres | | X_T_M_V | 2095.3403 | 31 | 2006-02-09 | 16:32:30 | 2006-02-10 | Read |
| ScanCounter-1 | 9630067682 | 05 | 00987 | cubic metres | T | | | | 2006-02-09 | 16:32:56 | 2006-02-10 | Read |
| ScanCounter-2 | 0060123511 | 06 | 214.57 | cubic metres | | X_T_M | 123.78 | 30 | 2006-02-09 | 16:33:02 | 2006-02-10 | Read |
| Encoder | 4832013248 | 05 | 00034 | cubic metres | F | | | | 2006-02-09 | 16:33:35 | 2006-02-10 | Read |
| Encoder | 4432010130 | 05 | 0027 | cubic metres | F | | | | 2006-02-09 | 16:33:41 | 2006-02-10 | Read |

All this data is available to other applications via the popular CSV format.

Outline Specification

| | |
|-----------------------------|---------------------------------|
| User Interface | |
| Keyboard | 20 key water resistant keyboard |
| Display | 3 lines each of 16 characters |
| Memory | Holds 1000 readings |
| Power | |
| Power source | 2 replaceable AA alkaline cells |
| Battery life | Over 10,000 meter reads |
| Data download | |
| Port | USB |
| File format | CSV |
| Environmental | |
| Case protection | IP54 |
| Operating temperature | -20°C to +60°C |
| Storage | -25°C to +70°C |
| Regulatory approvals | CE and FCC |

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The Company's policy is one of continuous improvement and the right is reserved to modify the specifications without notice.