

# PSR140 Reader/Programmer



## User Interface:

Keyboard	20 key water resistant keyboard
Display	3 lines each of 16 characters

## 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	-4°F to 140°F (-20°C to 60°C)
Storage temperature	-13°F to 158°F (-25°C to 158°C)

## Regulatory Approvals:

CE and FCC

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

## **Feature and benefits**

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

## **Compatibility**

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

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



### 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	9630000000	05	008523	cubic metres		_T			2006-02-09	13:49:37	2006-02-10	Read
InVision-2	4563000012	07	0002.33	US gallons*1...					2006-02-09	13:49:57	2006-02-10	Read
ScanCounter-2	0080123509	08	1234.568	cubic metres		_X_Y_V	120		2006-02-09	14:30:49	2006-02-17	Program
ScanCounter-2	Device type	08	1234.5748	cubic metres		_X_T_M			2006-02-09	16:32:30	2006-02-10	Read
ScanCounter-1	9630000345	05	008523	cubic metres		_T			2006-02-09	16:32:56	2006-02-10	Read
ScanCounter-2	0060123666	08	2314.45	cubic metres		_X_T_M			2006-02-09	16:33:02	2006-02-10	Read
Encoder	4432013247	05	3400	cubic metres	_F				2006-02-09	16:33:35	2006-02-10	Read
Encoder	4432010029	05	2240	cubic metres	_F				2006-02-09	16:33:41	2006-02-10	Read
InVision-2	0123456789	07	0002.33	US gallons*1...	_F				2006-02-09	16:35:14	2006-02-17	Program
Encoder	4432010029	05	2240	cubic metres	_F				2006-02-09	16:35:54	2006-02-17	Program
Encoder	4442010029	05	2240	cubic metres	_F				2006-02-09	16:36:10	2006-02-17	Program
ScanCounter-2	0080123509	08	0385.655	cubic feet*100		_T_M			2006-02-09	18:40:44	2006-02-17	Program
ScanCounter-1	9630014322	05	008599	cubic metres		_T			2006-02-09	18:40:44	2006-02-17	Read
InVision-2	4563000000	07	0002.33	US gallons*1...					2006-02-09	18:40:44	2006-02-17	Program
InVision-2	4563000001	07	0002.38	US gallons*1...					2006-02-09	10:46:37	2006-02-17	Program
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	08	3434.5748	cubic metres		_X_T_M_V	2085.3403	31	2006-02-09	16:32:30	2006-02-10	Read
ScanCounter-1	9630067882	05	00987	cubic metres		_T			2006-02-09	16:32:56	2006-02-10	Read
ScanCounter-2	0080123511	08	214.57	cubic metres		_X_T_M	123.79	30	2006-02-09	18:33:02	2006-02-10	Read
Encoder	4632013248	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 CSV format.

Elster AMCO Water, Inc.  
 PO Box 1852  
 Ocala, FL 34478-1852  
 United States

T +1 800 874 0890  
 F +1 352 368 1950

watermeters@us.elster.com  
 www.elster.com

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