



EML250-ID™ ELECTRONIC ID MARKER LOCATOR

The new EML250-ID professional-grade Marker Locator reads, writes and records custom data on OmniMarker-ID and Spike Marker-ID markers for quick and easy identification of buried utilities.

EML250-ID reads unique serial numbers and reads/writes custom identification information through the Locator Link Mobile App to OmniMarker-ID (up to 5 feet) and Spike Marker-ID (up to 3.3 feet) across nine industry frequencies while also passively locating any standard marker ball.

With a read/write log, Locator Link Mobile App integration, and GNSS compatibility for precise mapping, the EML250-ID streamlines utility asset location and data management. The color LCD screen, IP65* ruggedized design and rechargeable power make it field ready.

PRODUCT FEATURES:

- Reads unique serial number and reads/writes custom identification information on OmniMarker-ID from up to 5 feet away, and Spike Marker-ID from up to 3.3 feet away
- Compatible with all 9 industry standard frequencies
- Records read/write logs
- Locates any industry standard passive marker ball
- Connects to Locator Link Mobile App to easily transfer files to GIS system or the cloud
- Compatible with external GNSS devices to pinpoint location
- Easy to read color LCD screen
- Rugged construction, rated IP65*
- Unit is rechargeable

S/N: 0848854435

Type: Blue/Water

Object ID: 50

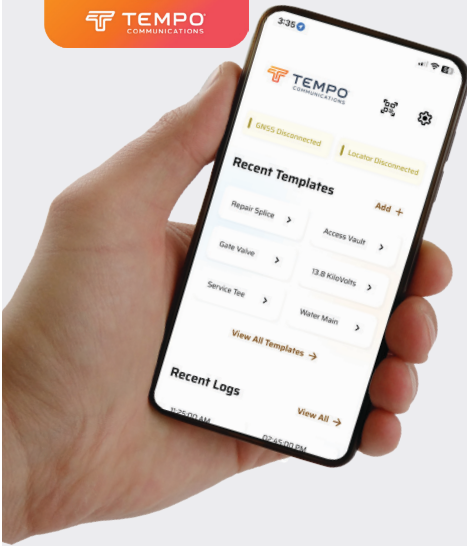
Facility Number: 5453468

Facility Type: Water Main

Material: Polyvinyl Chloride

Pipe Type: Distribution





LOCATOR LINK APP FEATURES:

- Easily create templates on the Locator Link App to transfer to the EML250-ID
- Scan the Omni Marker ID QR code to record unique serial number
- Attach notes and photos to log entries
- Maximize data with Keywords: commonly used words and phrases

EML250-ID SPECIFICATIONS:

Electrical	Rechargeable Battery, Battery Life: 10 hours typical
Operating Temperature	-4° to 122°F (-20°C to 50°C)
Storage Temperature	-40° to 158°F (-40°C to 70°C) ¹
Ingress Protection Rating	IP65 ²
Length	12.95in (329mm)
Width	9.48in (241mm)
Height	30.55in (776mm)
Weight	5.05 lbs (2.28 kg)

1. Does not pertain to battery storage temperature limitations. See Instruction Manual for details.
2. The EML250-ID has been independently tested to IEC 60529 standards for resistance to dust and water exposure. Following IP65 testing the entire unit powered on and functioned as intended with no damage or performance degradation observed. The antenna housing achieved IP65 (Dust-Tight and Water-Protected). The upper chassis achieved IP55 (Dust-Protected and Water-Protected).

COMPATIBLE MARKER FREQUENCIES:

APPLICATION	COLOR	FREQUENCY
Non-Potable Water	Purple	66.4 kHz
Cable TV	Orange Black	77.0 kHz
Gas	Yellow	83.0 kHz
Fiber Optic	Yellow Black	92.0 kHz
Telephone	Orange	101.4 kHz
Sanitary	Green	121.6 kHz
Europower	Blue Red	134.0 kHz
Water	Blue	145.7 kHz
Power	Red	169.8 kHz



ID MARKER READ RANGE:

OmniMarker-ID	5 ft (1.5m)
Spike Marker-ID	3.3ft (1m)

*In EU mode, Water OmniMarker-ID have 4ft (1.2m) read range.

PASSIVE MARKER DETECTION RANGE:

OmniMarker II / OmniMarker-ID	5 ft (1.5m)
Spike Marker / Spike Marker-ID	3.3ft (1m)

ORDERING INFORMATION:

CAT. NO.	DESCRIPTION
EML250-ID	Electronic ID Marker Locator