Locator Selection Guide

Tempo Electronic Marker Locator (EML)

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Which locator does your job call for?

You can't see what's underground, and a missed marker or a lost record means a wasted dig and a repeat visit. Tempo's EML range gets you to the answer quickly: every model finds all nine industry-standard marker frequencies, and Scan Mode tells you which marker you've found. So the real question is what you need to leave site with: the marker found, its location on record, or the asset itself identified?

FIND IT

EML100

Find the marker, then get on with the next job.

The EML100 does one job and does it well. It scans all nine marker frequencies, tells you which marker you've found and helps you pinpoint it before you dig.

FIX IT — NEW

EML150

Find it, then make sure the next crew can find it too.

The EML150 pins each marker's GPS location as you work and sends the record to Locator Link on your phone/tablet, with photos and notes. Export it to your GIS and there's no notebook to write up later.

PROVE IT

EML250-ID

Know what the asset is, not just where it is.

The EML250-ID writes the asset's details onto the ID marker itself and reads them back from up to 5 ft (1.5 m) away, logging every pin, write and read. Whoever comes next gets the answer on site, and you can show your work.

Feature	EML100	EML150	EML250-ID
Marker & ID marker detection (9 frequencies)*	✓	✓	✓
PIN (log location, frequency, signal, time)	-	✓	✓
Bluetooth / Locator Link app	-	✓	✓
Over-the-air updates (via Locator Link)	-	✓	✓
Asset traceability / GIS export	-	✓	✓
WRITE / READ Tempo ID marker data	-	-	✓
Depth estimation†	-	In development	In development
Display	Monochrome LCD	Colour LCD	Colour LCD
EML soft carry case‡	Optional accessory	Optional accessory	Included in kit
Power (typical battery life)	12x AA batteries ~20 h	Rechargeable USB-C, ~10 h	Rechargeable USB-C, ~10 h

**On the EML150 and EML250-ID, Europower (134 kHz) is enabled in EU Mode and Power (169.8 kHz) when EU Mode is off.*
†Depth estimation is in development and will be delivered via an over-the-air update once released.
‡Soft carry case coming soon; optional accessory for EML100/EML150, included in the standard EML250-ID kit.

A missed marker or a missing record is what sends you back to site. Match the locator to the job and you avoid both: find the marker with the **EML100**, put its location on record with the **EML150**, or prove what the asset is with the **EML250-ID**. You leave site with the job done right first time, with no wasted dig and no repeat visit.

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