

3M ELECTRONIC BALL MARKER SYSTEM LOCATOR

3M™ Dynatel™ Electronic Marker System (EMS) Marker Locators 1420E-iD are microprocessor-based systems that quickly and efficiently locate underground markers years after construction or maintenance.

Designed to be accurate, fast and integrated, the 1420E-iD EMS marker locators allow you to accurately and easily:

- Locate, read and write to 3M iD markers
- Pinpoint the depth and location of all existing models installed underground passive EMS markers
- Conduct direct depth reading of markers
- Locate two different marker frequencies simultaneously

Advanced features detect information about underground utilities

A feature exclusive to the 1420E-iD locators is the ability to read, write and lock programmed information into the 3M™ Electronic Marker System iD Markers. Information such as a pre-programmed unique identification number, facility data, owner information, application type, placement date and other details from up to 100 markers can all be stored with date/time stamp and transmitted back to your PC for enhanced resource management.



The 1420E-iD locators are unaffected by metal conduit or pipe, metallic conductors, fences, AC power or electronic markers for other utilities. Multiple markers located at close proximity can be read individually using this system.

A simple, easy-to-use system

Lightweight and compact, the locators are rugged, ergonomic and require very little operator training. A large bright backlit digital liquid crystal display screen and soft-key operation make them easy to understand and use for more precise locates. A “memory” feature remembers operator set-up from the previous use. A standard RS232/USB communications port allows interface to an external computer for uploading/downloading of data, unit configuration and remote software upgrades. The system is estimated to operate for more than 25 hours on eight AA alkaline batteries.

MODELS	CODE
3M 1420 Ball Marker Locator	1420EMS LOCATOR

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