

# ABM-80 Pipeline Mapping System



The ABM-80 is a MEMS-gyroscope based mapping tool specifically developed for generating accurate As-Built maps of short distance buried pipelines. The ABM-80 fits in pipes with an internal diameter of 80mm (3.5") and up.

The ABM-80 is very compact and easy to operate. Therefore, it is ideal for waste water, line drilling and other short pipeline segments. Typically, an As-Built profile of a pipe segment can be generated in 30 minutes. Data processing requires mere minutes and output can be instantly viewed in most common GIS platforms such as AutoCAD, ESRI and Microstation.

## Key Technical Specifications

|                   |                    |                         |                          |
|-------------------|--------------------|-------------------------|--------------------------|
| Probe length      | 400mm / 16"        | Max. pulling force      | 60kg/120Lb               |
| Probe housing     | 250 x 46 x 30mm    | Max. traveling speed    | 1m/sec                   |
| Probe weight      | 2.0 kg / 2lb       | Data logging rate       | 100 Hz                   |
| Inclination range | +45 to -45 degrees | Battery type / autonomy | 2 x AA / 2 hours         |
| Pipe ID range     | 80mm+              | Output format           | AutoCAD script, csv, xml |

## Available components

|            |                                 |
|------------|---------------------------------|
| ABM-80-100 | System for max 100m pipe length |
| ABM-80-200 | System for max 200m pipe length |
| ABM-80-LWS | 100mm Diameter wheels set       |



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