



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 80-500mm (3.2-20”).

The ABM-80 is very compact and easy to operate and is ideal for waste water, HDD’s and similar shaped pipeline segments up to 200m in length. 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

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|-------------------|--------------------|-------------------------|--------------------------|
| Probe length | 400mm / 16” | Max. pulling force | 30kg/60Lb |
| Probe housing | 250 x 46 x 30mm | Max. traveling speed | 1m (3’)/sec |
| Probe weight | 2.0 kg / 4lb | Data logging rate | 100 Hz |
| Inclination range | +45 to -45 degrees | Battery type / autonomy | 2 x AA / 2 hours |
| Pipe ID range | 80-500mm (3.2-20”) | 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 |

