

ABM-40 Pipeline Mapping System



The ABM-40 is a MEMS-gyroscope based mapping tool specifically developed for generating accurate As-Built maps of short duct segments. The standard ABM-40 has an outside diameter of just 36mm and is suitable for a pipe ID of 40mm (1.5"). Optionally, a spacer set is available to scale the unit incrementally up to pipes and ducts with an ID of maximum 75mm (3.0").

The ABM-40 is robust and easy to operate. 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.

Key Technical Specifications

Probe length	510mm / 20"	Max. pulling force	80kg/160Lb
Outer diameter	36mm / 1.4"	Max. traveling speed	1m/sec
Probe weight	1.0 kg / 2lb	Data logging rate	100 Hz
Inclination range	+45 to -45 degrees	Battery type / autonomy	Lithium Ion / 4 hours
Pipe ID range	40mm to 75mm	Output format	AutoCAD script, csv, xml

Available components

ABM-40-100	System for max 100m pipe length
ABM-40-200	System for max 200m pipe length
ABM-40-CS	Centralizer set 1.5"-3.0"



Tel: 01953 600600 / www.drilline.com