

# Memory Battery Housing (MBH)

Houses battery packs that power memory logging tools

## Applications

- Enables memory acquisition from the entire range of Sondex **Ultrawire™** logging tools

## Features and Benefits

- Alternative housing lengths to take extended packs
- Standard connection is 5/8 in. sucker rod pin
- Changeable top sub fishing neck profile
- Upper head connection to slickline rope socket
- Lower thread connection to memory tools
- Connections supplied to individual customer requirements

The Sondex **Memory Battery Housing (MBH)** houses battery packs that power the new generation of memory logging tools (UMT007 and UMT008). Several models are available for different battery sizes, allowing batteries to be selected to match operational requirements in the most economical way.

The MBH houses either Sondex or Panex style battery packs. The standard Sondex pack of 5 lithium “C” cells is used in a holder with a one piece housing and top-sub. However, the holder for alkaline cells uses an alternative

top-sub and housing which allows longer packs to be used (e.g. 10 x “C”). The top-sub acts as the connection to the slickline cable and can be supplied with various fishing neck profiles. The bottom-sub screws directly into a tool memory section, usually creating time “zero” as the tool powers up. There is a protective pressure isolation barrier between the battery pack and the memory tool below.



Specifications					
	MBH031	MBH030	MBH032	MBH033	MBH034
Temperature	350°F (177°C)				302°F (150°C)
Pressure Rating	15,000 psi (103.4 MPa)			20,000 psi (137.9 MPa)	15,000 psi (103.4 MPa)
Tool Diameter	1 3/8 in. (35 mm)	1 11/16 in. (43 mm)		1 7/8 in. (47 mm)	
Tool Length	18.08 in. (459.3 mm)	17.65 in. (448.2 mm)	29 in. (737 mm)	29.15 in. (740.4 mm)	68.7 in. (1745 mm)
Tool Weight (without battery)	5.7 lb (2.6 kg)	6.2 lb (2.8 kg)	11.7 lb (5.3 kg)	12.1 lb (5.5 kg)	22.9 lb (10.4 kg)
Upper thread connection	15/16 in. 10 UN male				
Lower thread connection	1 3/16 in. 12 UN 2A male				STUB ACME 12 TPI - 2G
Battery Pack	5C	5CC/10C		5C/5CC/10C	10C/11C
Material	Corrosion resistant throughout				