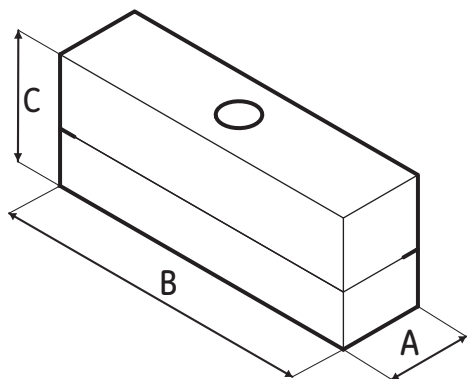


Water wedge probes



Applications

- Composite inspection
- Bubbler applications where water is an issue

Features

- Probes use hardwater delay* to minimize water required for coupling
- Delay acoustically matched to water to minimize the water to delay interface
- Available with 3 different connectors

*Hardwater delay is a material applied to the face of the probe that is non-removable.

Main benefits:

- Acoustically matches water to minimize interface echo.
- Improves near surface resolution.
- Decreases operating gain and frequency. (5MHz design frequency operates at approximately 2.6MHz)

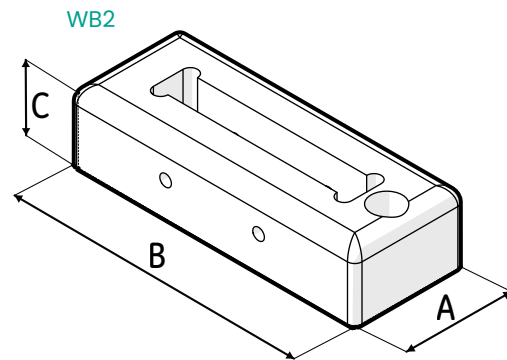
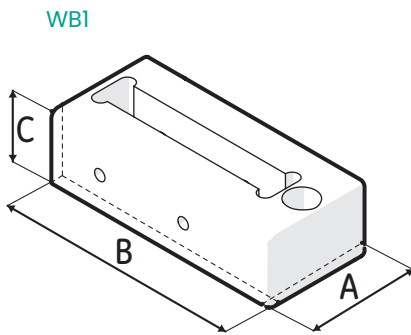
Part number Phasor	Part number Hypertronics™	Part number Omniscan™	Aperture (mm)	Frequency (MHz)	Element Count	Pitch (mm)	Elevation (mm)	Cable (mm)	A (mm)	B (mm)	C (mm)
115-100-027	115-120-027	115-130-027	40.6 x 8.0	5	32	1.3	8.0	6.0	13.0	43.0	31.0
115-100-028	115-120-028	115-130-028	81.2 x 8.0	5	64	1.3	8.0	6.0	13.0	86.0	31.0

Accessories for hardwater probes



Features

- Bubbler fixture for automated or hand scanning
- Available with or without encoder
- Applies 0.050" water coupling to hardwater probe



Part Number	Waterbox	Description	Mating Probe	A (mm)	B (mm)	C (mm)
022-509-571	WB1	Waterbox with side mount encoder module	Hardwater Probe, 115-100-028, 115-120-028, 115-130-028	48.0	106.0	31.0
389-064-070	WB2	Waterbox, no encoder		48.0	125.0	31.0
389-074-200	WB2	Waterbox with mini encoder				