

Guide to Specifying a Technisonic Immersion Probe

Due to the many factors involved in specifying an Immersion Probe they are all built to-order.

Technisonic Research manufactures Immersion probes for virtually all applications, including: through transmission testing of composites to high resolution flaw detection of critical metals and ceramics.

Select: Housing Style, Diameter, Frequency, Crystal/Damping, Focus Type and Distance



1. Specify Housing Style

- **ISL** Slimline Housing
- **ISL-RA** Slimline Right-Angle Housing
- **IF** Flange Housing
- **IRA** Right Angle Housing
- **ILD** Large Diameter Housing
- **IPM** Pencil Housing
- **IPML** Pencil Housing Long
- **IPU** Knurled Flange

2. Specify Diameter

- .25" (02)
- .37" (03),
- .50" (04)
- .75" (06)
- 1.00" (08)
- 1.125" (09)

3. Specify Frequency

- 1 MHz (01)
- 2.25 MHz (02)
- 3.5 MHz (03)
- 5 MHz (5)
- 10 MHz (10)
- 15 MHz (15)
- 20 MHz (20)
- 25 MHz (25)

4. Specify Crystal / Damping

- **GP** General Purpose
- **HR** High Resolution
- **VHR** Very High Resolution
- **CMP** Composite
- **SP** Super Punch

5. Specify Focus

- Flat
- Spherical (Specify Focal Length)
- Cylindrical (Specify Focal Length)

Example:

ILD-0308-GP-S IDL Style, 3.5 MHz, 1" Diameter, General Purpose, Spherical Focus

