

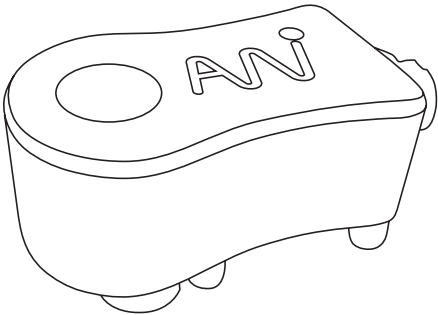
- If probe becomes soiled, clean with a damp cloth ONLY.
- Keep dirt out of probe connector, otherwise probe may malfunction.
- There are no user-serviceable parts (aside from the probe tips).

For questions or technical assistance, please visit www.allwaveinnovations.com



DUAL ELEMENT BONDTESTING PROBE

Users Manual



For Honeycomb Composite and Graphite materials, a good starting point is as follows:

SETUP MENU 1:
GAIN: 0dB
BANDPASS: OFF
REF MEM: OFF
GATE: 7788
FREQ: 17 TO 24 KHZ

SETUP MENU 2:
REP RATE: 100
V POS: 50%
REF DOT: ON

DISPLAY: IMPULSE
WIDTH: 7920μs

SPECIAL MENU:
IMP DET: AMPL
PULSE: 5 TO 8
PRB DRV: MED

Note: After these "ballpark" settings are set, try to set the probe on a known defect and change the frequency until you have maximum amplitude in the impulse setting. Frequency can range considerably due to different types of material.

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Warranty

All Wave Innovations, Inc. (hereafter referred to as AWI) replacement warrantees this probe for one year after date of purchase. AWI reserves the right to deny replacement if the probe has been found to be subjected to any of the following conditions:

- Dropping/Physical Abuse/Disassembly
- Excessively High Temperatures
- Use of solvents for cleaning probe
- Water damage

If unit fails, please send an email request for RMA to AWI via the AWI website:
www.allwaveinnovations.com

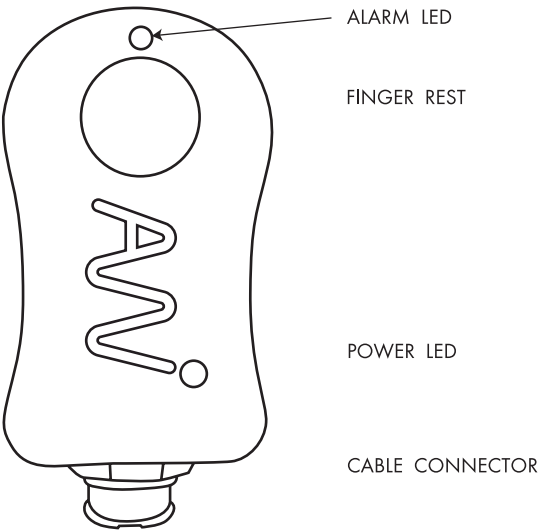
Cautions

- Keep spills and liquids away from the probe.
 - Do not drop or otherwise subject probe to excessive force.
 - Do not use probe on excessively hot surfaces. If it is too hot for you to touch, it is too hot for the probe.
 - Do not place excessive force on the cable assembly or connector.
- If probe performs erratically or ceases to function in any way, return to All Wave Innovations for repair.

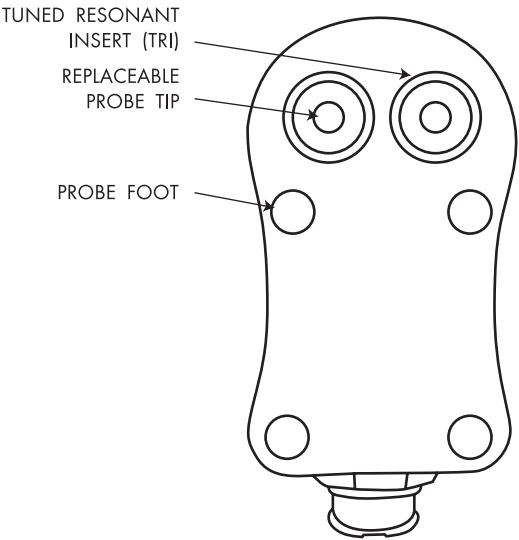
Welcome!

Congratulations on your purchase of the AWI Dual Element Probe. You will find that the increased sensitivity of this probe, due to the Tuned Resonant Insert™ technology, will allow testing of materials that were not easily tested with previous technology Pitch-Catch probes.

This probe also features user-replaceable probe tips. Replacements can be ordered on the AWI website.



Settings



NOTE: These settings were developed for a BondMaster™ instrument. You may need to make adjustments to suit your particular instrument.

- 1 Connect instrument to probe with supplied cable.
- 2 Set up probe using settings for test being performed (see following chart).
- 3 Null probe on known good material.
- 4 Test suspect material.