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# CUTTING EDGE

## Why choose a Hale fixture?

Creators of Testing Solutions  
 Since 1970

**At Hale, quality begins at the beginning.** We evaluate your connector or device under test (DUT) and make recommendations according to the following list of criteria whenever possible:

- DUT "Testability" Evaluation
- Test Environment Evaluation
- DUT Protection During Testing
- Proper Test Probe Selection and Travel
- DUT Retention During Testing
- Built In Tolerances
- Non-Conductive Component Seating
- Maintenance

Maintaining this high standard of pre-quote evaluation has been instrumental in Hale's testing fixtures' success for over 30 years. **How do your current test fixtures stand up to this type of scrutiny?**

All Hale test fixtures are machined with exacting close tolerances determined by the mating surface of connectors. All mating surfaces of connectors have critical dimensions usually within .002", hence our fixtures are machined with robust materials that maintain this strict tolerance. Hale Test fixtures typically imitate the mating connector with "inserts" or "pockets" for a female connector (male Terms) or male connector (female terms), respectively. Inserts are removable facilitating replacement as normal wear occurs, thus eliminating the purchase of an entire test fixture. A replaceable insert also allows access to the contact pins for cleaning or replacement. Another feature of the insert is terminal guidance into the non-exposed contact pins. Small holes or slots are machined to admit the terminals in the same axial plane as the contact pins. **This eliminates the possibility of passing a connector with bent terminals.** With most insert style fixtures we provide a removable/replaceable shroud which protects the insert and assists in guiding the test block into the connector and vice versa.

### More reasons to make Hale your 1st call!



1. Replaceable test fixture parts are kept in stock and are usually available on short notice.
2. Hale test fixtures are ergonomically designed for comfort and efficiency.
3. Cables with quick disconnects are a designed-in feature as required.
4. Connector retaining latches are machined in steel and include an ergonomic Delrin release button.

**We guarantee that our quality testing products are manufactured with precision, a thorough knowledge of your requirements and will perform as stated. Although test fixture life depends on use, maintenance and testing environment, we invest continuous phone/site support as needed for all of your existing and future investments in us.**

Still unsure?

Ask about our trial fixture program.

*Push-Test  
 Is now  
 Triggerless!*

