AVIT-CH Auto Inspect + Clean
Repeatable, Reproducible, Reliable

Automatically process dozens of ferrules at the push of a button! AVIT-CH provides space-constrained **mission-critical** quality assurance.

AVIT-CH (Chassis AVIT) is a **fully automated system** with **integrated cleaning**, which removes human subjectivity from the entire inspect-clean cycle.

AVIT-CH **operates passively** at lightning fast speeds without any interaction, freeing operators to complete other tasks, drastically cutting down on labor costs and increasing productivity.

AVIT-CH will PASS or FAIL a part using strict, **enforceable criteria** with throughput higher than alternative inspect and clean processes. If a ferrule fails, the AVIT-CH will **automatically clean** and re-inspect without removing the part(s), eliminating the risk of damage to the optics through multiple re-insertions. Users can set the number of inspect-clean cycles before the part is considered a failure, or turn off the cleaning feature all together.
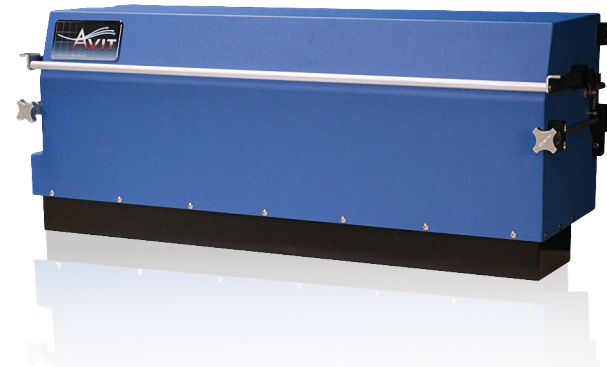
The data and corresponding images are archived to maintain accurate records. Test results for each part can be printed in a customizable report for **Quality Assurance**.

AVIT-CH is able to fit into constrained spaces that other probes and systems cannot reach. AVIT-CH fits **inside the unit** to be tested, at the location where it is mounted. AVIT-ch can inspect and clean optical blind mate connectors on a backplane that is installed in a chassis.

The AVIT-CH can be adapted to a wide range of chassis sizes and types. We will **custom engineer** the fiber scope to meet your specific needs and arrangements.

All AVIT™ models are protected under US Patent. Other models include high throughput standing and desktop systems: AVIT-2020 and AVIT-DT, as well as portable and probe-style systems: AVIT-RH and AVIT-BP.

Contact our sales team for more information at sales@fiberqa.com.

Key Features
- ⊘ Fully Automated
  - Auto focus
  - Auto align—no scrolling!
  - Auto clean + re-inspect
- ⊘ Compact design
- ⊘ Lightweight
- ⊘ Integrated cleaning system
- ⊘ Pre-loaded with IEC specs
- ⊘ Customizable test criteria
- ⊘ Archived Data + Images
- ⊘ Customizable reporting

Key Benefits
- ⊘ High throughput
- ⊘ Reduce labor costs
- ⊘ Eliminate supply chain friction
- ⊘ Objective pass/fail criteria
- ⊘ Repeatable, reproducible, reliable test results

Applications
- ⊘ Mil-Aero Quality Control
- ⊘ Supply chain QA