Probe-style fiber scope
Fast reliable inspection + cleaning for mission-critical Quality Assurance.

Automatically inspect and clean installed circular plugs and receptacles at the press of a button!

AVIT-RH is a **compact system** that fits into constrained spaces, bringing inspection and cleaning directly to installed connectors like a traditional probe would. Like other AVIT models, the AVIT-RH **operates independently** without any active human operation, eliminating the issues caused by traditional handheld probes, such as: poor stability, poor focus, and risk of part damage, as well as operator stress and strain leading to higher labor costs and inconsistent results. Because the system works passively, operators can complete other critical tasks and testing simultaneously.

AVIT-RH attaches to **circular plugs and receptacles** (such as MIL-38999) and utilizes long working-distance optics and motion control to inspect each ferrule in **any size shell**, without the risk of causing damage to the part.

Fully automated cleaning has been built into the AVIT-RH system, providing approximately 600 first pass cleans per disposable cartridge. Integrating cleaning into the inspection process significantly reduces labor time and cost, and prevents part damage by eliminating multiple insertions.

AVIT-RH will PASS or FAIL a part using strict, **enforceable criteria** with throughput higher than alternative inspect and clean processes. The data and corresponding images are archived to maintain accurate records. Test results can be printed in a customizable report for **Quality Assurance**.

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-BP and AVIT-CH.

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

Key Features
- ⊘ Fully Automated
  - Auto focus
  - Auto alignment
  - Auto clean
- ⊘ Compact design
- ⊘ Stable operation
- ⊘ 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