

High volume desktop scope

Fast reliable inspection + cleaning

Automatically inspect + clean at the press of a button! Use commercial or customized fixtures to quickly process dozens of ferrules reliably for QA.

AVIT-DT (Desktop AVIT) is a **fully automated system** with **integrated cleaning**, removing human subjectivity from the entire inspect-clean cycle.

AVIT-DT **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-DT 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-DT 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 systems can be used throughout the entire supply chain, from manufacturing to installation, each AVIT platform complementing the other throughout the life cycle of the connector. Manufacturers have seen high numbers of returned parts be reduced to **ZERO** with the adoption of FiberQA's AVIT systems in their facilities.

AVIT-DT is the **best option** for inspecting and cleaning high volumes of MT, MPO, MIL-circular, and other connectors while still having the convenience of a workstation system. The 5"x5" inspection window allows for a large commercial or customized fixture that is engineered to meet specific needs and arrangements.

All AVIT™ models are protected under US Patent. Other models including a high throughput standing system, AVIT-2020, as well as portable and probe-style systems: AVIT-CH, AVIT-RH and AVIT-BP.

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



Key Features

- ✓ Fully Automated
 - Auto focus
 - Auto alignment
 - Auto clean + re-inspect
- ✓ Integrated cleaning system
- ✓ Pre-loaded with IEC specs
- ✓ Customizable test criteria
- ✓ Archived Data + Images
- ✓ Customizable reporting

Key Benefits

- ✓ High throughput
- ✓ Handles high volume QA
- ✓ Reduce labor costs
- ✓ Eliminate supply chain friction
- ✓ Objective pass/fail criteria
- ✓ Repeatable, reproducible, reliable test results

Applications

- ✓ Manufacturing QA
- ✓ Supply chain inspection
- ✓ Mil-Aero Quality Control