



Technical Specification - Viewing Fixture

MIL/ANSI/ISO Scratch-Dig Inspection

“The portable black box”

Features

- Thumb screws and hinges for easy assembly and disassembly
- Powder coat painted sheet metal for Cleanroom compatibility
- Compliant with requirements for all popular cosmetic surface imperfection inspection standards
- Overhead lamp with light shield for inspecting with transmitted light method 2 or reflectance light method
- Photometer to establish required illuminance per ANSI and ISO requirements
- Instruction sheet for proper setup and inspection techniques
- Overall size: (H x L x W) 25" x 20" x 20"



Scratch-Dig Standards Supported

ANSI/OEOSC OP1.002:2017

MIL-PRF-13830B

MIL-C-675C

MIL-C-48497A

MIL-F-48616

ISO 10110-7:2017, Visual inspection

Product Description

The “portable black box” is a black powder coat, cleanroom compatible viewing fixture which allows inspections in accordance with the MIL-PRF-13830B transmitted light method 2 and reflectance methods. It is consistent with the latest versions of the ANSI and ISO visibility inspection methods, which specify the required illuminance rather than wattage for the inspection areas. It can be taken down and set up in minutes as needed for factory flexibility or FQA use.

Pricing and Availability

Pricing for the viewing fixture is \$1245 per box in the US. Delivery is typically four to six weeks ARO. Boxes are shipped with assembly instructions. Call 860-878-0722 or email sales@savvyoptics.com for a quotation. Scratch and dig comparison sets for all of the above standards are also available.