



## Technical Specification – Viewing Fixture

# MIL/ANSI/ISO Scratch-Dig Inspection

### “The black box”

### Features

- Powder coat painted sheet metal for Cleanroom compatibility, ISO 5
- Compliant with requirements for all popular cosmetic surface imperfection inspection standards
- Dimmable 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) 45 x 35 x 50 cm
- Ships fully assembled

### 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

### Pricing and Availability

Delivery is typically two to four weeks ARO. Boxes are shipped fully assembled. Call 860-878-0722 or email [sales@savvyoptics.com](mailto:sales@savvyoptics.com) for a quotation. Scratch and dig comparison sets for all of the above standards are also available.



### Product Description

The “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 is lightweight and can be set up in minutes as needed for factory flexibility or FQA use.