



Electronics

# Hand Held Microscope

## DESCRIPTION

Tyco Electronics' hand held microscope incorporates high quality glass optics and dual illumination lighting for unsurpassed 200X magnification. With a 500um Field of View (FOV) and both coaxial and oblique illuminations, this microscope will meet the proposed TIA/IEC hand held microscope specification for a polish quality scope (coaxial) and general conditions scope (oblique) in one compact unit.

The built in IR-laser attenuation filter will provide protection from accidental exposure to active fibers, although intentional and prolonged viewing of active fibers is not recommended. The ergonomic, impact resistant shell provides a rugged feel, and the included padded belt case and neck lanyard ensure that the microscope is always within reach.



## APPLICATIONS

Affordable inspection device for:

- Polish inspection
- General conditions (debris) inspection
- Cleave quality inspection
- Verifying core size

## FOR MORE INFORMATION

Technical Support

Internet: <http://www.tycoelectronics.com>

USA: 1-800-522-6752

Canada: 1-905-470-4425

Holland: 31-73-6246431

Japan: 81-44-844-8013

Dennis Hess, Director, Bus. Dev./Prod. Mgmt.

Phone: 1-717-986-7591

Fax: 1-717-592-3244

E-mail: [dennis.hess@tycoelectronics.com](mailto:dennis.hess@tycoelectronics.com)

Sean P. Kelly, Product Application Engineer

Phone: 1-717-985-2209

Fax: 1-717-592-3244

E-mail: [skelly@tycoelectronics.com](mailto:skelly@tycoelectronics.com)

# Hand Held Microscope

## KEY FEATURES

- High quality glass optics
- 200X magnification
- 500um Field of View (FOV)
- Dual illumination lighting
- IR-Laser attenuation filter
- Will meet proposed TIA/IEC hand held microscope specifications for both polish quality scope (coaxial illumination) and general conditions scope (oblique illumination)
- Ergonomic impact resistant shell
- Padded belt case and neck lanyard included for storage and convenience

## PART NUMBERS

- 1754767-1 Hand Held Microscope
- 1754765-1 1.25mm Universal Microscope Adapter
- 1754768-1 MT-RJ Plug Microscope Adapter

## PRODUCT DIMENSIONS



Length (Microscope)	186.9mm [7.359 in]
Width (Microscope)	51.6mm [2.030 in]
Height (Microscope)	31.5mm [1.240 in]
Weight (Microscope)	317.5g [0.70 lb]

### Disclaimer

While Tyco Electronics Corporation and its affiliates referenced herein ("Tyco Electronics") have made every reasonable effort to ensure the accuracy of the information in this catalog, Tyco Electronics does not guarantee that it is error free, nor does Tyco Electronics make any other representation, warranty or guarantee that the information is accurate, correct reliable or current.

Tyco Electronics reserves the right to make any adjustments to the information contained herein at any time without notice. Tyco Electronics expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. Tyco Electronics' only obligations are those in the Tyco Electronics Standard Terms and Conditions of Sale, and in no case will Tyco Electronics be responsible for any incidental, indirect, or consequential damages arising from the sale, resale, or misuse of its products. Users should independently evaluate the suitability of, and test each product for, their application.