



# Microscope with Illuminator Model 235



## Model 235

A versatile pocket-sized microscope for use in laboratory, shop, or field. The instrument has a flat field of view for an accurate image. This microscope also features adjustable magnification for any power from 20X up to 60X. A battery powered light source is included with the unit.

The illumination system features a MagLite® Solitaire™ flashlight. The flashlight uses one size AAA battery (included with the instrument).

When the eyepiece is fully retracted, the magnification is 20X; when the eyepiece is extended to 1-3/16", the magnification is approximately 40X; when extended to its maximum height of 2-1/32" the magnification is approximately 60X. The microscope is factory-set for 20X. If other magnification is desired, the microscope must be refocused after eyepiece is moved. Loosen the two setscrews and slide the chrome body up or down until the image is focused, retighten setscrews. A 1/16" hex key is included.



## SPECIFICATIONS

1. Magnification ..... 20X to 60X.
2. Field diam. (20X) ..... 11/32 in. (8.7 mm).
3. Dimensions:
  - Height (retracted)..... 5 in. (12.7 cm).
  - Height (extended) ..... 6-3/4 in. (17.1 cm).
  - Width..... 1-1/4 in. (3.2 cm).
4. Weight ..... 6 oz. (170 g).
5. Shipping weight ..... 2 lb. (907 g).

### Spare Parts:

Replacement lamp, pack of 2 ..... P/N: LK3A001



Certificate No. 1896.01

PTC Metrology® is accredited by A2LA for durometer calibration to ISO/IEC 17025 & ANSI/ NCSL Z540-1. NIST traceable certification is available for all durometer types covered by current ASTM D2240, ASTM F1957, ISO 868, ISO 7619, and DIN 53505 Standards.

The Calibration Report will include both "as received" and "as left" data. Complete durometer calibration includes: indenter geometry an dextension, indicator linearity, and force curve.

Other durometer types, custom models, and durometers of any manufacture can also be certified by PTC Metrology®.