



PRESS RELEASE

FOR IMMEDIATE RELEASE

September 23, 2013

NEW PRODUCT INTRODUCTION

Contact: *Heston Singh, Sales*
678-574-6777

Jeane Miller, Marketing
631-543-2000

UNITRON's 12100 Polarizing Microscope Series

Commack, NY: UNITRON Ltd. is pleased to announce the latest introduction to its industrial line of microscopes, the 12100 Polarizing Microscope Series – an ideal instrument for educational applications and routine laboratory use for the examination of birefringent materials for geology, petrography, and crystallography.

The 12100 Polarizing Microscope Series is available with either a binocular or trinocular (50/50 light split) viewing head, a centerable nosepiece and a bright, white 5 watt LED illuminator. Engineered for ease of use, yet rugged enough to withstand demanding classroom and industrial environments, the 12100 Polarizing Microscope Series provides outstanding value and best-in-class performance.

Specifications include:

- Binocular or trinocular (50/50 split) viewing head
- Interpupillary distance is adjustable between 53mm – 75mm
- WF10x focusable eyepieces, 20mm FOV, 21mm crossline reticle and guide pin in one eyepiece
- Centerable, reversed quintuple nosepiece
- 4x, 10x, 20x, and 40xR infinity plan strain-free objectives
- 360° rotatable stage with fully indexed vernier scale and stage clips
- Coaxial coarse/fine focus system; tension adjustable
- Achromat swing out condenser – N.A. 0.9/0.3
- 360° rotatable polarizer
- 360° rotatable analyzer – easy push in/out from optical path
- λ tint plate, $\frac{1}{4} \lambda$ retardation plate, and quartz wedge
- Variable 5 watt LED Illumination system with field iris, 100-240v universal power supply
- Dust cover, instruction manual included

- more -

UNITRON's New 12100 Polarizing Microscope Series

September 23, 2013

Page 2

UNITRON specializes in high quality, precision instruments for industrial, clinical, life science, research and educational applications. Since 1952 UNITRON's microscopes and related optical accessories have been consistently used and trusted worldwide in companies such as Intel, BAE Systems, ITT, GE, Williams Co., DuPont, Boeing, 3M, Alcoa, MIT, Raytheon, Sony, Texas Instruments, iRobot, Northrop Grumman, United Technologies, and the Mayo Clinic. Manufactured and assembled to the strictest quality standards, our products are available exclusively through a nationwide network of authorized distributors.

####



CAT#12100
Binocular Polarizing Microscope



CAT#12130
Trinocular Polarizing Microscope