

### **Brunel M3D Video Inspection Microscope**

The Brunel M3D breaks new ground in the technology of inspection microscopy. The M3D is designed to allow 3D examination of objects by TV monitor or computer. The unit has a rotating vision port that allows components to be seen from a variety of angles in 3D that is ideal for examining specimens with depth and in particular small bore holes and projections. The quality of the optical system is excellent.

- Fully automated system allowing electronic adjustment of zoom, focus, viewing angles and depth of focus.
- The zoom range of the system gives a magnification of x0.7 to x45 that is motor driven.
- The M3D has integral LED vertical lighting with variable angle options that are electronically controlled.
- The video head is integral to the system and gives an analogue output equivalent to 470 lines. Computer visualisation would be via a PCI card.
- The M3D head is mounted on a heavy duty long arm stand that has an extremely effective gliding stage.
- The unit comes complete with a set of 4 circuit board holders that are positioned magnetically on the stage.

This is an exceptional inspection instrument designed to allow the quality control and diagnostics of electronic circuit boards and similar items. Separate literature available.



### **Portable, Field & Measuring Microscopes**

#### **Fieldscope**

The Brunel Fieldscope is an ideal instrument for the naturalist being small enough to be portable, but sufficiently robust to withstand the rigours of the countryside.

- The Fieldscope is actually three optical systems in one that can be used together as a x25 microscope or separately as a spotting scope and hand lens.
- As a x25 hand microscope the Fieldscope has an inbuilt micrometer for measuring and a circular focusing ring that makes the instrument extremely easy to use.
- The microscope has a focus skirt and is placed directly over the specimen to be examined.
- The Fieldscope unscrews at its waist to provide a x4 hand lens with measuring scale and a very effective spotting scope with full focus control.
- The instrument comes complete with a leatherette carrying case.
- The Fieldscope is unique in that it has a CCTV accessory. This excellent little camera gives very good resolution for its size, and at a very affordable price.
- Dimensions: 210 x 70 x 40mm. Weight: 300gms

