



# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### 100X Inspection Microscope

*Simplify viewing fibre ends before and after cleaving operations.*

#### Key Features

- ▶ Includes universal adapter for connectors.
- ▶ On-the-spot inspection of single-mode and multimode connectors, including ST<sup>®</sup>, SC, FC, and FDDI.

#### Technically Speaking

**W**ith the 100X Inspection Microscope, examining fibers after stripping or inspecting the termination can be done simply and precisely.

Use the Microscope for on-the-spot inspection of various single-mode and multimode connector types, including ST<sup>®</sup>, SC, FC, and FDDI.

The 100X Inspection Microscope has a unique side adapter to inspect bare fibre—essential when preparing the mechanical field splices and the OPTIMAX splice connector line. The Microscope also identifies connector polish quality, chips, cracks, and blemishes on the connector face. This

enables you to identify problems quickly—preventing signal loss and poor performance.

With 100x magnification, you can examine most fibres with little difficulty. For example, a 62.5 micron fibre core appears to be about 10 mm in diameter.

The molded positioner makes fibre alignment fast and accurate. Its holding feature secures the fibre so you can rotate the fibre to 180 degrees.

You can also field inspect 2.5-mm fibreoptic connectors. The base on the Microscope helps you locate the fibre position under the scope. A 2.2-volt, 0.25-amp bulb provides the needed light to complete your inspection. And two AA, 1.5-volt batteries are included to give you 90 minutes of continuous use.

#### **For these and other components...**

*Call our expert Technical Support Staff for all your Tool/Rack needs. They'll help you find the best equipment for your application.*

#### Specifications

**Battery Life** — 90 minutes' continuous use

**Battery Type** — (2) AA 1.5-volt (included)

**Bulb Type** — 2.2-volt, 0.25 amp

**Focus Adjustment** — Turning knob

**Lens Type** — Optical glass

**Magnification** — 100x

**Material** — ABS plastic

**Switch** — Unfold-to-ON

### Ordering Information

*This information will help you place your order quickly.*

PRODUCT NAME	ORDER CODE
100X Inspection Microscope.....	FT890A

