



INSTRUMENT TECHNOLOGY, INC.

MODEL 173925 Scan/Zoom Rigid Search Kit



Features:

- Large, 1" diameter Borescope
- Rugged stainless steel tubing
- Extra illumination fibers
- Meets FEMA technical search equipment cache specifications

Heavy-duty, versatile, and self-contained, the ITI Scan/Zoom Rigid Search Borescope tackles searches that need big optics, powerful illumination, and comparatively indestructible probe construction.

The large diameter scope increases the operator's optical capabilities with a variable line of sight (80° scan) and a variable field of view (3X zoom). After scanning the entire space to identify items of interest, the operator can zoom in for closer inspection. The proprietary design means that at a fixed F/# setting, zoom does not sacrifice image brightness.

The stainless steel probe can be submerged in water up to the water resistant (not submersible) eyepiece body. Control knobs on the eyepiece body allow scan, zoom, and focus and are designed for ease-of-use while wearing gloves. Additionally, a handle on the illumination guide helps the operator manipulate the scope.

A variable line of sight increases the operator's capability; with 0° being a forward line of sight, and 90° being a right angle line of sight, this scope allows the operator to scan from a 40° forward oblique continuously through 120° retro oblique lines of sight.

This scope also allows the operator to continuously vary the field of view from 10° through 40°.

Kit includes:

Model 1773925	Scan/Zoom Scope, 25.4mm diameter 20, 30, 40 or 50" working length 24 Watt AC/DC Light Source AC Power Supply & DC Battery 115VAC or 230VAC Charger Shoulder Pack for Light Source & Battery Spare Lamp Rubber Eyeguard Protective Case and Foam
---------------	---

SCOPE SPECIFICATIONS

Diameter	25.4mm (1")
Working Length	20" (50cm), 30" (75cm), 40" (100cm), or 50" (125cm)
Field-of-View-Zoom	Variable 10° to 40°
Line-of-Sight-Scan	Variable 40° to 120°
Depth of Focus	1-1/2" to ∞
Illumination	Integral Fiber Light Guide for max. illum.
Immersion	Working length is water resistant