



Advanced Concept Scanner II **Maximum Detection with Proven Reliability**

The Advanced Concept Scanner (ACS) incorporates the field-service proven capabilities of the ISO-CLAMP rail-mounted scanner with technological and design improvements for optimum accuracy, life-long reliability and minimal maintenance.

The scanner's simple, compact design allows the rail mounted ACS to be positioned close to the rail for improved performance, easy mounting and adjusting. The self-locking aperture shutter mechanism is mounted directly on the scanner base plate to permit rapid protective shutter replacement in the field.

A six-position "Cant Cam" clamp design facilitates simple, accurate cant angle adjustment in one-half degree increments. The advanced optic system has rotary lens focusing. Enhanced aerodynamics keeps optics cleaner and minimizes maintenance. The universal scan pattern is compatible with all types of roller- and plain-bearing assemblies.

Replaceable higher wattage cover heaters (350 watts) help prevent internal moisture accumulation. The removable scanner cable has a tamper-resistant connector. A rain kit improves performance in heavy rain and keeps optics cleaner. Enhanced aerodynamics minimizes maintenance. A mouse guard protects the unit from rodent damage.





Specifications

Power Requirements

Shutter power
12 VDC at 5 amps: 60 watts
Integrity heater
15 120 VAC at 0.5 amps: 60 watts
Scanner cover-heaters (2 per scan)
115 VAC at 3.01 amps: 350 watts

Operating Temperature

Minimum: -40°F (-40°C)
Maximum: +160°F (+71°C)

Dimensions

Height: 7.125 in (18.1 cm)
Width: 6 in (15.24 cm)
Depth: 16 in (40.64 cm)

Weight

20 lb (9.07 kg)
(Without isolators, cable or clamp assembly attached)

Options

Standard rail clamps
Low-profile rail clamps
Rain kit

