

OPERATING INSTRUCTIONS

CINETAPE EXTENSION TUBES

EXTENSION TUBES

Attaching the Cinematography Electronics Extension Tubes to the Sensor Horns will reduce the diameter of the signal pattern approximately twenty percent (20%). This is important for situations where a tighter smaller measuring diameter is desired. Our Extension Tubes are machined to an ultra-precise smooth shape and finish which is essential for accurately directing the ultrasonic signals towards the sensors. Attach the binocular shaped Extension Tubes to the Sensor Horns by simply pushing them over the horn's Neoprene O-rings. The interior contour shape of our Extension Tubes perfectly matches the contour of our Sensor Horns. This uninterrupted internal profile directs the ultrasonic waves in a precise manner towards the sensor which results in a narrower measurement field without losing any of the distance range.

MOUNTING

The Extension Tubes are easy to attach and remove. Fasten the Extension Tubes by sliding the tubes onto the Sensor Horns. The O-rings, on the Sensor Horns, hold the Extension Tubes in place which allows easy attachment and removal without tools.

O-RING NOTES

The condition and elasticity of O-rings will decline with age and therefore require occasional changing. Included with each Extension Tubes are 4 sizes of replacement O-rings. The sizes of the replacement O-rings are 20, 21, 22 and 23. Size 20 is the smallest O-ring and 23 is the largest. When changing, we recommend starting with size #21 O-rings.

Remove all four (4) O-rings from the Sensor Horns and replace with the new O-rings. Roll each O-ring over the end of the sensor horn until it is fully seated into the groove of the horn. If the Extension Tubes fit too tightly, change the O-rings to the smaller #20 size. If the Extension Tubes are loose, change the O-rings to the larger O-rings.

Correct O-rings provide the proper hardness (durometer) and flexibility, allowing easy attachment and removal of the Extension Tubes.

Recommended O-ring part numbers are:

- Neoprene AS568-020
- Neoprene AS568-021
- Neoprene AS568-022
- Neoprene AS568-023