

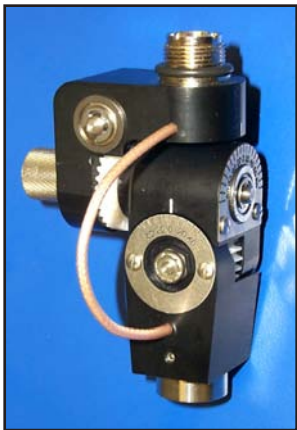


UPKII-MAN-B Mini Dual Angle Manipulator Offers Accurate Transducer Positioning to Satisfy a Wide Range of Ultrasonic Immersion Applications

The UPKII-MAN-B Features:

- Precision Worm Gears
- Compact 3 3/16" Length
- Two Axis of Adjustment
- Low Cost
- Smooth Operation
- Fine Adjustment

The UPKII-MAN-B Mini Dual Angle Manipulator is an ultrasonic immersion tank accessory designed for improved performance and flexibility. The UPKII-MAN-B is a low-mass, low-profile manipulator that maintains broad working arc angles which can be adjusted to a convenient right angle. It is constructed of rugged engineering plastic and stainless steel for maximum corrosion protection and long life.



The positioning of the ultrasonic transducer is smooth and responsive, which is accomplished with precision worm gears through manual knobs that allow angular motion of $\pm 93^\circ$ (gimbal axis, front to back) and $\pm 49^\circ$ (swivel axis, right to left). By tuning the position of the transducer, you gain

optimum scanning performance.



Specifications:

- Dimensions: 3.18" L x 2.5" W x 1.9" D
- Backlash: Less than 0.1° (or 6 minutes)
- Resolution: Infinitely adjustable
- Readouts: Precision machine divided dials, graduated in 10° increments
- Range: $\pm 93^\circ$ gimbal axis, $\pm 49^\circ$ swivel axis
- Positioning: Infinitely adjustable
- Connector: UHF socket (top), UHF plug (sensor end)

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