



## XYZ POSITIONERS FOR ANALYTICAL DC/RF/MICROWAVE

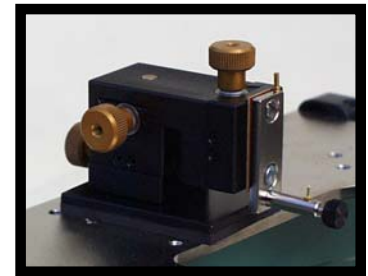
### Probe Positioners -

#### KRN-01A 'DC' Positioner

A low cost, magnetic mount positioner with dovetail slides for DC and general purpose AC microprobing use. Features X, Y and Z travel of greater than 0.3 inches. Comes with 5 Pd alloy and 5 tungsten needles.

#### Specifications

- Positioner movement 40 tpi 0.5" Knob  
X: 0.30 in. Y: 0.3 in. Z: 0.30 in.
- Size  
X: 2.4 in. Y: 1.8 in. Z: 2.1 in.
- Probe Holder available  
DC Coax



#### KRN-08 Positioner (In-Line)

An 80TPI magnetic mount precision positioner with roller bearing slides for general microprobing use. Standard RF probe mount. Optional mounts for DC needles, with 5 Pd alloy and 5 tungsten needles, adapters for coax probe mounts, Knop Adjust Planarity adjust( $\pm 11^\circ$ ).

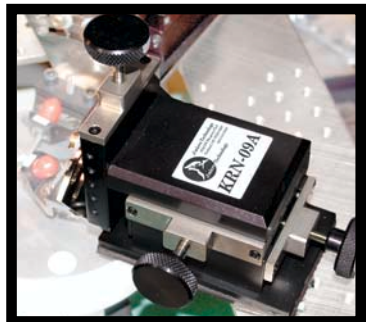
- Positioner movement 80 tpi 0.85" Knob  
X: 0.50 in. Y: 0.5 in. Z: 0.50 in.
- Size  
X: 2.0 in. Y: 4.0 in. Z: 3.25 in.
- Probe Holders available  
DC Coax Microwave



#### KRN-09 Positioner

A 40TPI magnetic mount precision positioner with roller bearing slides for general microprobing use. Standard RF probe mount. Optional mounts for DC needles, with 5 Pd alloy and 5 tungsten needles, adapters for coax probe mounts, Knop Adjust Planarity adjust( $\pm 11^\circ$ ).

- Positioner movement 40 tpi 0.87" Knob  
X: 0.50 in. Y: 0.5 in. Z: 0.50 in.
- Size  
X: 3.0 in. Y: 4.0 in. Z: 3.0 in.
- Probe Holder available  
DC Coax Microwave



#### KRN-10 Positioner

An 80TPI magnetic mount precision positioner with roller bearing slides for general microprobing use. Standards and options the same as KRN-09

- Positioner movement 80 tpi 0.87" Knob  
X: 0.50 in. Y: 0.5 in. Z: 0.50 in.
- Size  
X: 3.0 in. Y: 4.0 in. Z: 3.0 in.
- Probe Holder available  
DC Coax Microwave

#### KRN-18 Microwave Positioner

A no compromise precision positioner with cross roller bearing slides for heavy microwave microprobing use. Bolt mount to JR-27xx probe stations. Microwave probe mount with knob adjust planarity adjust( $\pm 11^\circ$ ).

- Positioner movement 40 tpi 1.0" Knob  
X: 0.85 in. Y: 0.85 in. Z: 0.45 in.
- Size  
X: 3.15 in. Y: 4.3 in. Z: 2.5 in.
- Probe Holder available  
DC Coax Microwave

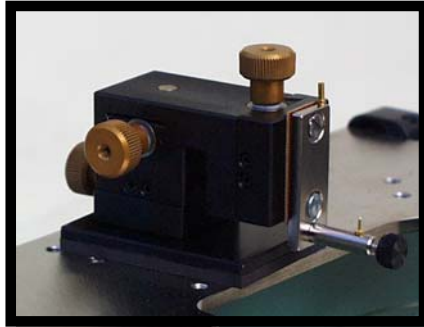


**Note: Standard RF probe mount on all positioners as a total gross 'z' adjustment of 1.5" in addition to the fine adjustment range for the positioner.**

# KRN-SERIES

## **KRN-01 Standard included items**

XYZ -300 translator stage body(Left or Right option), magnetic base, Needle probe holder assembly, five(5) Paliney7 probe needles, five(5) Tungsten probe needles. Optional coax probe and holder assembly, Triaxial probe holder assembly and probes.



## **Microprobe Compatibility**

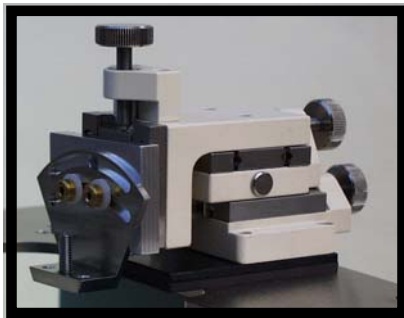
Compatible with most DC Needle probes. Consult factory for compatibility with various coaxial and triaxial probes.

**Part Number KRN-01A(L) left KRN-01A(R) right**

## **KRN-08 Standard included items**

XYZ -500 inline translator stage body, magnetic base, standard microwave probe holder.

**KRN-NM**, optional needle probe holder assembly with five(5) Paliney7 probe needles, five(5) Tungsten probe needles, includes adapter for most coax/triax probes.



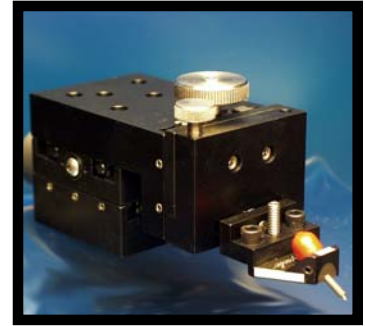
## **Microprobe Compatibility**

Compatible with most microwave probes. This includes three, two and single hole mount styles. GGB Industries, Inc. offers a large selection of single, dual, and multi-contact wedges.

**Part Number KRN-08S, RF probe mount  
KRN-NM, Needle Holder and Needles**

## **KRN-18 Standard included items**

KRN-18AKP translator stage body(Left or Right option) with integral bolt on base, microwave probe holder with Knob Adjust planarity (probes optional). Compatible with most all probe styles.



## **Microprobe Compatibility**

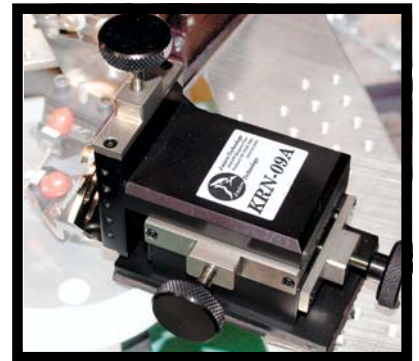
Compatible with most microwave probes. This includes three, two and single hole mount styles. GGB Industries, Inc. offers a large selection of single, dual, and multi-contact wedges.

**Part Number KRN-18AKP(L) KRN-18AKP(R)**

## **KRN-09S/KRN-10S Std. included items**

XYZ 0.5" translator stage body, magnetic base, standard microwave probe holder.

**KRN-NM**, optional needle probe holder assembly with five(5) Paliney7 probe needles, five(5) Tungsten probe needles, includes adapter for most coax/triax probes.



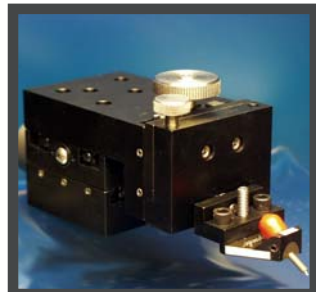
## **Microprobe Compatibility**

Compatible with most microwave probes. This includes three, two and single hole mount styles. GGB Industries, Inc. offers a large selection of single, dual, and multi-contact wedges.

**Part Number KRN-09S(L or R) KRN-10S(L or R)  
KRN-NM, Needle Holder and Needles**



**KRN-KAP Knob Adjust Planarity Module**



## **Optional Knob Adjustment Planarity**

Planarity adjustment module standard on KRN-18AKP positioners. This module bolts onto the front of the KRN-09 or KRN-10 positioner and offers  $\pm 11^\circ$  planarity adjustment.



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