

**PORTABLE MEASURING ARM**

**Photo of Instrument:**



<b>Instrument Name</b>	Portable Measuring Arm
<b>Instrument Model &amp; Serial No.</b>	RA-7312-4
<b>Instrument Make</b>	Hexagon Metrology
<b>Category of Instrument</b>	Characterization and Testing
<b>Description of Instrument</b>	To measure coordinate points and other form errors.
<b>Instrument Technical Description and Major Specifications</b> (This Specifications Limited to Major 5)	Range : 1.2 meter MPEe: 5+L/40 MPEp: 8 μm
<b>Application of Instrument</b> (Limited to Major 4 or 5)	Coordinate, Roundness, Straightness, cylindricity, Flatness measurements.
<b>Type of Sample Required for Analysis / Testing</b> (Quantity, Pre-Preparation, State etc.) <b>Guidelines for Sample Submission – User Instructions</b>	Sample within the dimensional specifications.
<b>Types of Analysis / Testing</b>	Contact / Non-contact

## Department of Mechanical Engineering, NIT Calicut

<b>Faculty In-Charge Name / Email / Contact</b>	Dr. P. B. Dhanish, / dhanish@nitc.ac.in, 9207024889; Dr. Mohammed Rashad K, rashad@nitc.ac.in, 9744899126
<b>Technical Staff Name / Email / Contact</b>	N P Velayudhankutty, npvkutty@nitc.ac.in, 9497158883,04952286440
<b>Location of Instrument</b>	Metrology Lab
<b>Other Details</b>	

### User Charges:

<b>S.NO.</b>	<b>Type of Analysis / Testing</b>	<b>Internal - within Department of NITC</b>	<b>Internal - Other Departments NITC</b>	<b>External Academic Educational Institutes</b>	<b>National Labs</b>	<b>Industry</b>
1	Measurement	nil	Rs. 300/hour	Rs. 500/hour	Rs. 500/hour	Rs. 500/hour

### Slot Booking and Payment Work Flow: