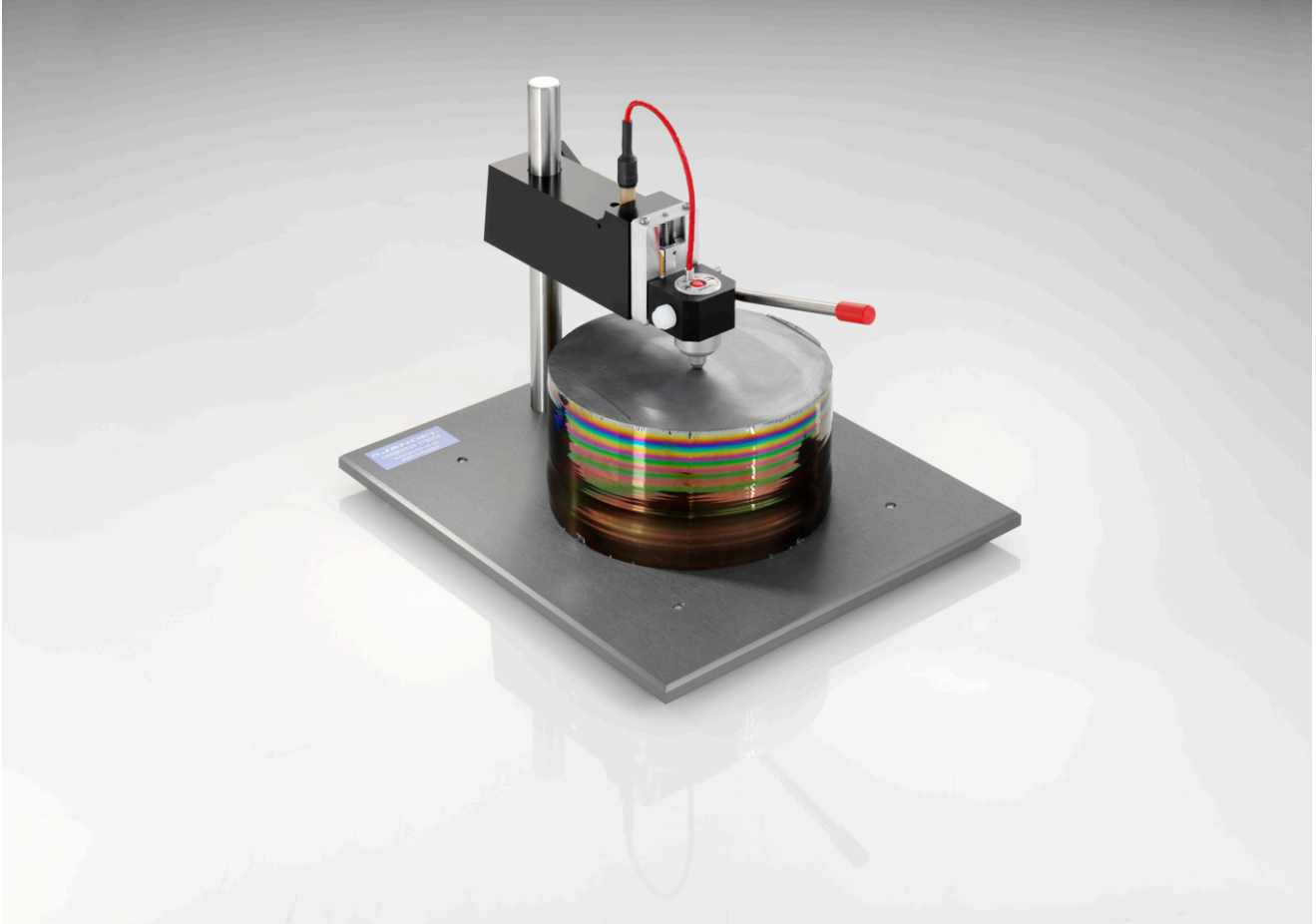


# Jandel Engineering Limited



## Jandel Multiheight Probe Station

*Jandel Engineering Limited* offers the Multiheight Probe stand as a solution for a wide variety of measurements. The probe mechanism can be raised and lowered meaning that samples ranging in thickness from thin films to large ingots can be measured.

The Multiheight Probe can be supplied with 4 optional mounting holes which can accommodate optional mounting accessories such as an 8 inch wafer table or micropositioning X-Y stage.

|                              |  |
|------------------------------|--|
| <i>Max. sample size</i>      | Samples up to 250mm diameter (300mm option at no extra cost)       |
| <i>Max. sample thickness</i> | Samples up to 250mm high can be measured (higher on request)       |
| <i>Microswitch</i>           | Prevents current flow when probe is not in contact with the sample |
| <i>Manual Control</i>        | Simple lever operation for probe contact and removal               |
| <i>Simple set up</i>         | Single wire connects the probe stand and measurement electronics   |
| <i>Mounting holes</i>        | Optional sample tables are available                               |
| <i>Automation</i>            | Optional automated Z movement is available                         |

### System Configuration

Component parts:

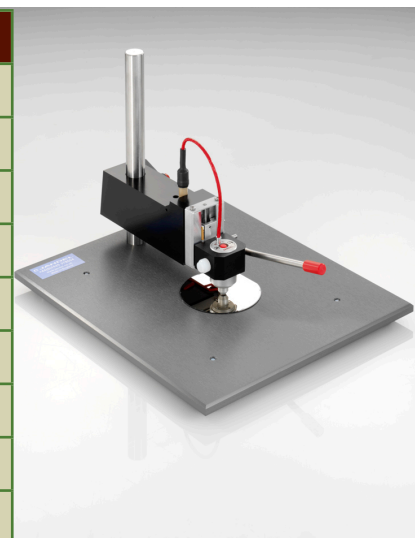
- A. Measurement Base - 1pc
- B. Multiheight assembly - 1pc
- C. Multiheight Column - 1pc
- D. Four point probe head - 1pc
- E. Connecting cable - 1pc

### System Footprint

- A. Multiheight Base: 250mm W x 290mm L x 8mm H (320mm x 370mm x 8mm option)
- B. Multiheight Probe assembly: 60mm W x 280mm L x 80mm H (60mm x 330mm x 80mm option)
- C. Multiheight Column: 19mm diameter, 200mm L (up to 1m on request)

| Type | Tip R | Force | Spacing |
|------|-------|-------|---------|
| A    | 40u   | 100g  | 1mm     |
| B    | 100u  | 100g  | 1mm     |
| C    | 200u  | 100g  | 1mm     |
| D    | 500u  | 70g   | 1mm     |
| E    | 40u   | 200g  | 1.591mm |
| F    | 40u   | 100g  | 0.635mm |
| G    | 100u  | 100g  | 0.635mm |
| H    | 200u  | 100g  | 0.635mm |

*Type A-D and F-H are user adjustable in the range 60g-150g and supplied at value shown*



*If you require any further information on the Jandel Multiheight Probe Stand please contact us using the details below*

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