

## SPECIFICATIONS

### MEASURING CAPACITY

- a) Maximum Diameter 500 mm
- b) Maximum height above spindle top 500 mm
- c) Maximum workpiece weight 25 kg.

### VERTICAL COLUMN

- a) Vertical Travel 320 mm

### HORIZONTAL TRAVEL

250 mm total

### MEASUREMENT METHOD

Lever type gauge head,  
miniaturized friction  
movement probe  
±300 mm with std.  
stylus  
2 mm ball Dia (Steel)  
0.16 N (approx)

- a) Measurement Range
- b) Contact Points
- c) Gauging force

### ROTARY SPINDLE

- a) Diameter 200 mm, air bearing  
(mounted directly on  
Granite plate)
- b) Rotations Clockwise 6 rpm

### TILT & CENTERING TABLE

- a) Diameter 220 mm
- b) Load Capacity 25 kg. (Balanced load)
- c) Spindle Capacity 50 kg. at 3 Bar  
120 kg. at 6 Bar

### MEASUREMENT PARAMETERS

- a) Cylindricity
- b) Roundness
- c) Concentricity
- d) Co-axiality
- e) Circular flatness
- f) Squareness
- g) Parallelism

### AIR PRESSURE

3 - 6 kg / cm<sup>2</sup>- G

### AIR CONSUMPTION

45 Ltr / min.

### POWER REQUIREMENTS

approx, 500 Watts,  
220 V  
+ 10 %, 50 Hz.

### DIMENSIONS AND WEIGHTS

- a) Air Bearing spindle base and stand
  - Dimension approx. 720 x 450 x 900 mm.  
(L x W x H)
  - Weight approx. 120 kg