



- **PRECISION MECHANICAL COMPARATOR**
- **VARTICAL MECHANICAL COMPARATOR**
- **SQUARENESS COMPARATOR**
- **RADIAL CLEARANCE COMPERATOR AND**
- **ROLLER CHECKING COMPARATOR**
- **ALL TYPE OF COMPARATOR STAND MACHINE**

MECHANICAL COMPARATOR MACHINE

Applications

These comparator used for measuring Dimension for all type of components. With dial indicators.

**Best Quality in
your Cost**



MEASUREMENT

- Out Side Diameters
- Internal Diameters
- Race Way Of Track Diameters (Ball Type)
- Combination Of Above Measurement
- Ovality Two And Three Point Measurement
- Squariness Of Diameters To And Faces
- Wall Thickness
- Concentricity Of Diameter

TECHNICAL SPECIFICATION

Max. Measuring Range.	707	707 - A	707 - B
• Outside Diameter	25 To 130	25 To 160	25 To 210
• Inside Diameter	50 To 130	50 To 160	50 To 210
• Indicating Range	10 mm	10 mm	10 mm
• Measuring Pressure	1.2 kg.	1.2 kg.	1.2 kg.
• Top Plate Diameter	165 mm	200 mm	250 mm
• Top Plate Hardness	58 - 62 Hrc	58 - 62 Hrc	58 - 62 Hrc
• Least Count Depending on the Dial Indicator	0.01/0.001 mm	0.01/0.001 mm	0.01/0.001 mm
• Approx. Weight	9.00 kg.	10.00 kg.	13.00 kg.

Max. Measuring Range.	707 - C	707 - D	707 - E	707 - F
• Outside Diameter	25 To 210	25 To 260	25 To 315	25 To 360
• Inside Diameter	50 To 210	50 To 260	50 To 315	50 To 360
• Indicating Range	10 mm	10 mm	10 mm	10 mm
• Measuring Pressure	1.2 kg.	1.2 kg.	1.2 kg.	1.2 kg.
• Top Plate Diameter	250 mm	300 mm	350 mm	400 mm
• Top Plate Hardness	58 - 62 Hrc	58 - 62 Hrc	58 - 62 Hrc	58 - 62 Hrc
• Least Count Depending on the Dial Indicator	0.01/0.001 mm	0.01/0.001 mm	0.01/0.001 mm	0.01/0.001 mm
• Approx. Weight	22 kg.	28 kg.	30 kg.	33 kg.

EXTRA ATTACHMENT FOR SMALL DIAMETER ON YOUR REQUEST

1. Outside Diameter 25 mm
2. Internal Diameter 20 mm to 50 mm
3. Internal Diameter 10 mm to 25 mm
4. Internal Diameter 5 mm to 10 mm

ROLLER CHECKING COMPARATOR

: Application :

It can check Two point & Three point Taper Roller, Spherical Roller & Needle Roller.



Description	725
Top Plate Measuring	165 mm
Approx. Weight	As per your specification 3.00 kg.



COMPARATOR STAND WITH FINE ADJUSTMENT

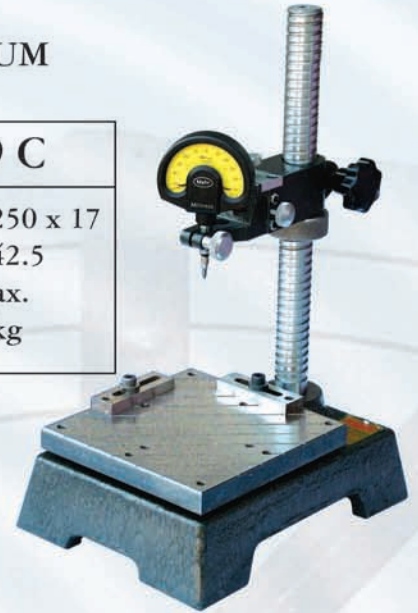
MEASUREMENT

- ◆ THICKNESS
- ◆ FACE TO PARALASUM
- ◆ OUTSIDE DIAMETERS
- ◆ TAPER

Description	709	709 A	709 B	709 C
Table Size	(Round) 65 x 14	150 x 150 x 15	200 x 200 x 17	200 x 250 x 17
Pillar Size	150 x 24	200 x 24	250 x 24	475 x 42.5
Measuring Height	100 max.	160 max.	210 max.	350 max.
App. Weight	4.50 kg	12.00 kg	20.50 kg	27.50 kg

EXTRA ACCESSORIES

- ◆ The Work Table is also available on plain surface with "V" Block for support.
- ◆ The List of extra accessories is available on request.



COMPARATOR STAND

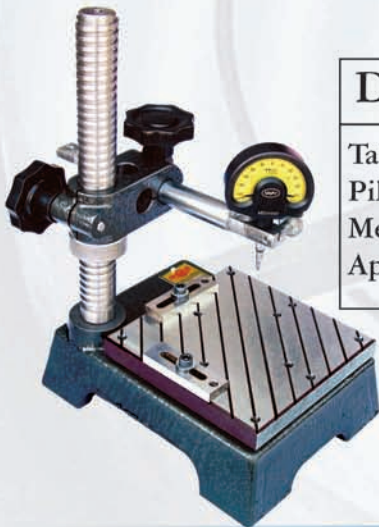
MEASUREMENT

- ◆ THICKNESS
- ◆ FACE TO PARALASUM
- ◆ OUTSIDE DIAMETERS
- ◆ TAPER

Description	713	713 A	713 B	713 C
Table Size	100 x 125 x 15	150 x 150 x 15	200 x 200 x 17	200 x 250 x 17
Pillar Size	200 x 24	200 x 24	250 x 24	475 x 42.5
Measuring Height	130 max.	160 max.	210 max.	350 max.
App. Weight	6.50 kg	13.00 kg	20.50 kg	28.50 kg

EXTRA ACCESSORIES

- ◆ The Work Table is also available on plain surface with "V" Block for support.
- ◆ The List of extra accessories is available on request.



SQUARENESS COMPARATOR

MEASUREMENT

- ◆ Tickness Variations
- ◆ Face To O.D. Squareness
- ◆ Face To Bar To O.D. Squareness

Description	717	717 A
Table Size	165 mm	200 mm
Top Plate Hardness	58.62 Hrc.	58.62 Hrc.



LOCATION (VERTICAL) MECHANICAL COMPARATOR

MEASUREMENT

- ◆ Thickness Variations
- ◆ Track Centre Rib. (Taper Bearing)
- ◆ Track Centre for Ball Bearing

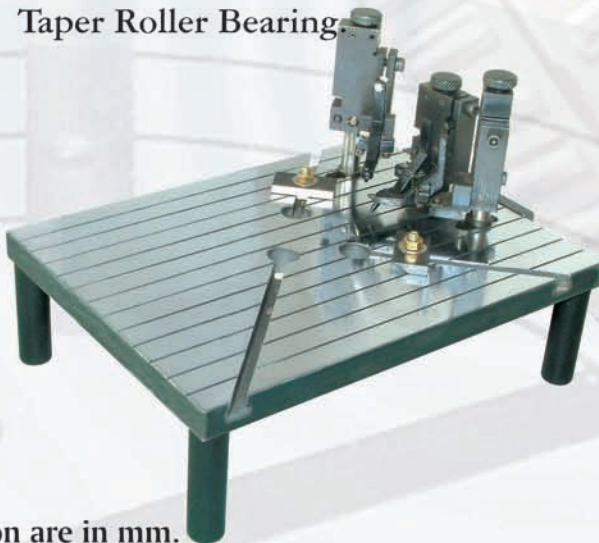
Description	727	727 A	727 B
Table Size	150 x 180 x 16	200 x 200 x 16	250 x 250 x 17
Top Plate Hardness	58.62 Hrc.	58.62 Hrc.	58.62 Hrc.
App. Weight	12.00 kg	16.00 kg	19.00 kg



COMPARATOR THREE DIAL

Model No. 723

Application : For Checking Inner of Taper Roller Bearings



NOTE :

All Dimension are in mm.

All Comparator without dial Indicator.

Specifications & Designs subject to change without prior notice.

Mfg. :

M. N. D. Machine Tools

G.I.D.C. Plot No. 707, Phase - III,

Opp. Bidel Lab. Wadhwan City - 363 035.

Dist : Surendranagar (Gujarat) INDIA.

Phone : 02752 - 241532

Fax : 02752 - 242563 // Mob. : 98258 99678

RADIAL CLEARANCE COMPARATOR

Model No. 721

Application : Can Check Radial Clearance of Bearings
(As per your Specification)



Authorised Dealer



**STAND FOR
MITUTOYO SJ-400
RUFFNESS TASTER**

SJ-400



STAND FOR MITUTOYO SJ-400 RUFFNESS TASTER

SJ-400

Table For Mitutoyo Roughness Taster Model SJ-210, SJ 301 & SJ 400 & Form Talysurf & Special Purpose Table For Customer Requirement With X, Y, Roller Slide With Ball Screw Operate & Z Operate With Ball Screw

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Mfg. :

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mndindia@rediffmail.com

Authorised Dealer



**TABLE FOR
Taylor Hobson Surface
Roughness Taster**



TABLE FOR Taylor Hobson Surface Roughness Taster

Table For Taylor Hobson Surface Roughness Taster & Form Talysurf & Special Purpose Table For Customer Requirement With X, Y, Roller Slide With Ball Screw Operate & Z Operate With Ball Screw

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