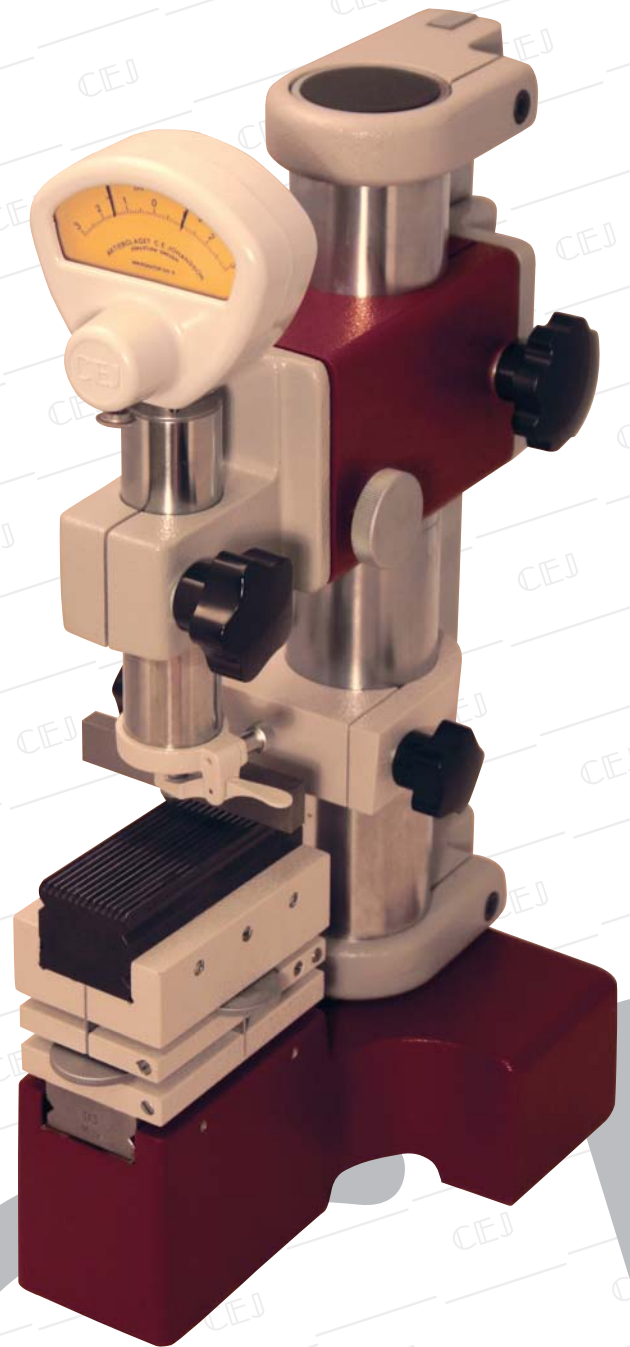


## MIKROKATOR ACCESSORIES

The Mikrokator is an instrument for measuring differences in length. The Mikrokator principle greatly magnifies any deviation in size so that even small deviations produce large deflections of the pointer over the scale. The transference of movement from the measuring tip to the pointer is mechanical, completely frictionless and free from backlash.

The CE Johansson Mikrokator was introduced in 1938 and is still today the finest mechanical comparator in the world. A wide range of models and accessories are available.



## MIKROKATOR STANDS

High Precision Comparator Stands, extremely robust to provide required stability. Rapid and convenient fine adjustment with extreme sensitivity. Chrome-plated and ground column. Base of cast iron.

### For Mikrokator 509 and 510

With measuring arm suitable for instruments with shank diameter 30 mm.  
Supplied with measuring table 8321-01013.  
Max. measuring height between table and measuring tip 180 mm.  
Max. measuring depth 80 mm.  
Weight 11 kg.

8318-01003



### For Mikrokator 500

With measuring arm suitable for instruments with shank diameter 8 mm.  
Supplied with measuring table 8321-01013.  
Max. measuring height between table and measuring tip 190 mm.  
Max. measuring depth 80 mm.  
Weight 11 kg.

8318-01004



## MIKROKATOR ACCESSORIES

### Height Adjustment Adapter

For quick and accurate height adjustments. The adapter also prevents the measuring arm from turning round the column during the height traverse which is very important during differential measurements. The adapter reduces the actual measuring height of the stand by approximately 25 mm.



8318-01020

### Adjustable Measuring Support

To be attached to the column of the stand to provide a backstop, e.g. when measuring cylindrical workpieces. Dimensions of support plate 80x16 mm. Adjustment range 0-50 mm behind the centre line of the measuring tip.



8318-01021

### Lift arm for Mikrokator 509 and 510

Mount on the Mikrokator shaft to lift the measuring tip.



8318-05001

### Measuring Table 35x90x30mm

Provided with two measuring surfaces. One surface is plain and the other is grooved with bars 0,6 mm wide. Flatness of measuring surfaces 0,002 mm. Material – steel, hardened and stress relieved. Black oxidised finish with lapped measuring surfaces.



8321-01013

### Adjustable holder

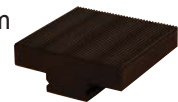
For tables 8321-01013 och 8321-01003.



8321-01015

### Measuring Table 90x90x30mm

Provided with one measuring surface grooved with bars 0,6 mm wide. Flatness of measuring surfaces 0,002 mm. Material – steel, hardened and stress relieved. Black oxidised finish with lapped measuring surfaces.



8321-01003

## MIKROKATOR MEASURING TIPS

### For Mikrokators 500 For Mikrokators 509 and 510

Carbide tip Ø4 mm  
8315  
-32005 – Length 5 mm  
-32010 – Length 10 mm  
-32015 – Length 15 mm  
-32020 – Length 20 mm  
Ruby tip Ø4 mm  
8315  
-02005 – Length 5 mm  
-02010 – Length 10 mm  
-02015 – Length 15 mm  
-02020 – Length 20 mm



Spherical Ø5 mm  
8317  
-31001 – Carbide ball  
-31002 – Ruby ball



Flat Ø10 mm  
8317-32003  
– Carbide



Flat Ø3 mm  
8317-32001  
– Carbide



Holder for needle  
8317-01003



Needle spherical point Ø1,5 mm  
8317-01004

Flat adjustable Ø10 mm  
8343-01004 – Carbide

