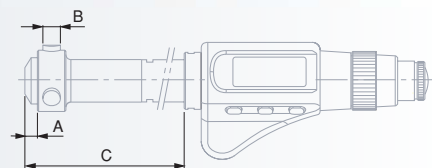


TESA IMICRO capa μ system with Digital Display

A successful combination of the TESA patented capacitive measuring system with the IMICRO unique cone.



DIN 863 T4 (Style C1)

0,001 mm
0.0005 in

Metric/inch Conversion

LCD, 7 mm digit height

Floating zero

Display lock

Measuring faces for application ranges

3,5 to 12 mm:
hardened steel (HV30 770)
11 to 100 mm:
TiN hard-coating (HV5 2300)
100 to 300 mm:
carbide tipped (HV5 1300)

RS 232 opto-coupled, bidirectional

3 V lithium battery

1 to 2 a (\approx 2000 h/a)

Automatic shut down after 10 min.

Display setting is retained as long as power supply remains stable.

10 °C to 40 °C

-10 °C to 60 °C

80%, non condensing



Measuring element IP54 (IEC 60529) or IP40 with active data output

Plastic case

Identification number

TESA's calibration certificate

Declaration of conformity

No	mm		in		μ m		A mm	B mm	C mm
	mm	in	μ m	μ m					
06130101	3,5 ÷ 4	0.1377 ÷ 0.1574	4	4	2	1,5	20		
06130102	4 ÷ 4,5	0.1574 ÷ 0.1771	4	4	2	1,5	20		
06130103	4,5 ÷ 5,5	0.1771 ÷ 0.2165	4	4	2	1,5	25		
06130104	5,5 ÷ 6,5	0.2165 ÷ 0.2559	4	4	2	1,5	25		
06130105	6 ÷ 8	0.2362 ÷ 0.3150	4	4	2,5	2,5	79		
06130106	8 ÷ 10	0.3150 ÷ 0.3970	4	4	2,5	2,5	79		
06130107	10 ÷ 12	0.3970 ÷ 0.4724	4	4	2,5	2,5	79		
06130108	11 ÷ 14	0.4330 ÷ 0.5512	4	4	3,5	4	93		
06130109	14 ÷ 17	0.5512 ÷ 0.6693	4	4	3,5	4	93		
06130110	17 ÷ 20	0.6693 ÷ 0.7874	4	4	3,5	4	93		
06130111	20 ÷ 25	0.7874 ÷ 0.9843	4	4	7	7	91		
06130112	25 ÷ 30	0.9843 ÷ 1.1811	4	4	7	7	91		
06130113	30 ÷ 35	1.1811 ÷ 1.3780	4	4	7	7	91		
06130114	35 ÷ 40	1.3780 ÷ 1.5748	4	4	7	7	91		
06130115	40 ÷ 50	1.5748 ÷ 1.9685	5	5	11	12	104		
06130116	50 ÷ 60	1.9685 ÷ 2.3622	5	5	11	12	104		
06130117	60 ÷ 70	2.3622 ÷ 2.7560	5	5	11	12	104		
06130118	70 ÷ 80	2.7560 ÷ 3.1496	5	5	11	12	104		
06130119	80 ÷ 90	3.1496 ÷ 3.5433	5	5	11	12	104		
06130120	90 ÷ 100	3.5433 ÷ 3.9370	5	5	11	12	104		
06130121	100 ÷ 125	3.9370 ÷ 4.9212	6	6	26	18	100		
06130122	125 ÷ 150	4.9212 ÷ 5.9055	6	6	26	18	100		
06130123	150 ÷ 175	5.9055 ÷ 6.8897	7	7	26	18	100		
06130124	175 ÷ 200	6.8897 ÷ 7.8740	7	7	26	18	100		
06130125	200 ÷ 225	7.8740 ÷ 8.8582	8	8	26	18	100		
06130126	225 ÷ 250	8.8582 ÷ 9.8425	8	8	26	18	100		
06130127	250 ÷ 275	9.8425 ÷ 10.8267	8	8	26	18	100		
06130128	275 ÷ 300	10.8267 ÷ 11.8110	8	8	26	18	100		

Optional Accessory

01961000 1 Lithium battery - 3 V, 190 mAh, type CR 203

For ordering information on cables etc., see section N. Suited carrying cases on page C-10.

TESA IMICRO capa μ system with Digital Display – Partial Sets

A successful combination of the TESA patented capacitive measuring system with the IMICRO unique cone.



- ✓
- DIN 863 T4 (Style C1)
- 0,001 mm
0.0005 in
- Metric/inch Conversion
- LCD, 7 mm digit height
- Floating zero
- Display lock
- Measuring faces for application ranges
3,5 to 12 mm: hardened steel (HV30 770)
11 to 100 mm: TiN hard-coating (HV5 2300)
100 to 300 mm: carbide tipped (HV5 1300)

Partial sets including	Element	Measuring heads	Setting rings	Extensions
06130230 3,5 ÷ 6,5	06130010	06140020 3,5 ÷ 4	00843200 4	–
		06140021 4 ÷ 4,5	00843201 5,5	
		06140022 4,5 ÷ 5,5		
		06140023 5,5 ÷ 6,5		
06130231 6 ÷ 12	06130011	06140024 6 ÷ 8	00840101 8	00840001 100
		06140025 8 ÷ 10	00840102 10	
		06140026 10 ÷ 12		
06130232 11 ÷ 20	06130011	06140027 11 ÷ 14	00840103 11	00840301 150
		06140028 14 ÷ 17	00840105 17	
		06140029 17 ÷ 20		
06130233 20 ÷ 40	06130011	06140030 20 ÷ 25	00840106 25	00841100 150
		06140031 25 ÷ 30	00840107 35	
		06140032 30 ÷ 35		
		06140033 35 ÷ 40		
06130234 40 ÷ 100	06130011	06140034 40 ÷ 50	00840108 50	00841800 150
		06140035 50 ÷ 60	00840109 70	
		06140036 60 ÷ 70	00840110 90	
		06140037 70 ÷ 80		
		06140038 80 ÷ 90		
		06140039 90 ÷ 100		
06130235 100 ÷ 200	06130012	06140040 100 ÷ 125	00840112 125	00842600 150
		06140041 125 ÷ 150	00840113 175	
		06140042 150 ÷ 175		
		06140043 175 ÷ 200		

Set composition for the application range from 200 to 300 mm available upon request

Measuring Element	Measuring heads	mm
06130012	06140044	200 ÷ 225
	06140045	225 ÷ 250
	06140046	250 ÷ 275
	06140047	275 ÷ 300

- RS 232 opto-coupled, bidirectional
- 3 V lithium battery
- 1 to 2 a (≈ 2000 h/a)
- Automatic shut down after 10 min.
Display setting is retained as long as power supply remains stable.
- 10 °C to 40 °C
- 10 °C to 60 °C
- 80%, non condensing
- ✓
- Measuring element IP54 (IEC 60529) or IP40 with active data output
- Plastic case
- Identification number
- TESA's calibration certificate
- Declaration of conformity

TESA IMICRO capa μ system with Digital Display – Full Sets

A successful combination of the TESA patented capacitive measuring system with the IMICRO unique cone.



DIN 863 T4
(Style C1)

0,001 mm
0.0005 in

Metric/inch
Conversion

LCD, 7 mm
digit height

Floating zero

Display lock

Measuring faces
for application
ranges

3,5 to 12 mm:
hardened steel (HV30 770)
11 to 100 mm:
TiN hard-coating (HV5 2300)
100 to 300 mm:
carbide tipped (HV5 1300)

RS 232
opto-coupled,
bidirectional

3 V lithium battery

1 to 2 a
(\approx 2000 h/a)

Automatic
shut down after
10 min.
Display setting is retained
as long as power supply
remains stable.

10 °C to 40 °C

-10 °C to 60 °C

80%,
non condensing



Measuring
element IP54
(IEC 60529) or
IP40 with active data
output

Plastic case

Identification
number

TESA's
calibration
certificate

Declaration
of conformity

Full sets including		Single micrometers		Setting rings		Extensions	
06130220	3,5 ÷ 6,5	06130101	3,5 ÷ 4	00843200	4	–	
		06130102	4 ÷ 4,5	00843201	5,5		
		06130103	4,5 ÷ 5,5				
		06130104	5,5 ÷ 6,5				
06130221	6 ÷ 12	06130105	6 ÷ 8	00840101	8	00840001	100
		06130106	8 ÷ 10	00840102	10		
		06130107	10 ÷ 12				
06130222	11 ÷ 20	06130108	11 ÷ 14	00840103	11	00840301	150
		06130109	14 ÷ 17	00840105	17		
		06130110	17 ÷ 20				
06130223	20 ÷ 40	06130111	20 ÷ 25	00840106	25	00841100	150
		06130112	25 ÷ 30	00840107	35		
		06130113	30 ÷ 35				
		06130114	35 ÷ 40				
		06130115	40 ÷ 50	00840108	50	00841800	150
06130224	40 ÷ 100	06130116	50 ÷ 60	00840109	70		
		06130117	60 ÷ 70	00840110	90		
		06130118	70 ÷ 80				
		06130119	80 ÷ 90				
		06130120	90 ÷ 100				
06130225	100 ÷ 200	06130121	100 ÷ 125	00840112	125	00842600	150
		06130122	125 ÷ 150	00840113	175		
		06130123	150 ÷ 175				
	06130124	175 ÷ 200					

