

Functions	500-772-1	500-773-1	500-792-1	500-778-1	500-779-1	500-444	500-445	500-457	500-458
ORIGIN	●	●	●	●	●	●	●	●	●
Data output	●	●	●	●	●	●	●	●	●

Specifications

Accuracy: DIN 862
 Resolution: 0,01 mm
 Illuminance (operation): 60 Lux
 Delivered in soft case, incl. factory certificate

Optional accessories

Super Caliper

No. 05CZA624 Signal cable (1 m)
 No. 05CZA625 Signal cable (2 m)

Solar Caliper with data output

No. 959149 Signal cable with data switch (1 m)
 No. 959150 Signal cable with data switch (2 m)
 No. 959143 Hold-Unit (only 500-444 / -445)

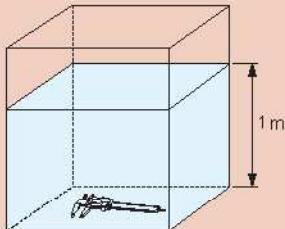
All types

No. 050083 Extension for depth measurement (see page 148)
 No. 050084 Extension for depth measurement (see page 148)

Protection class IP-67

Protection from foreign matters and dust
 Code number 6 = dust-proof

Protection from moisture/humidity
 Code number 7 = Temporary submersion



Illuminance table in accordance with 'Arbeitsstättenverordnung (Workplace Ordinance)'

Demands on the visual task	Nominal illuminance in lx	Examples:
very small	50	Storerooms, warehouses
small	100	Break rooms, traffic zones
small	150	Traffic zones with vehicles, Loading areas
moderate	200-300	Working at planing benches, Machine tools, large work, Reception counters in hotels
medium	500	Offices
high	750-1000	Technical drawing, fine mechanics, print shops
very high	1500	Watchmaker's shops, electronic workshops
extraordinary	2000	Engraving, invisible mending

ABSOLUTE DIGIMATIC SUPER Caliper

Umweltfreundlicher, kühlmitelgeschützter Solar-Messschieber mit hoher IP-Schutzklasse.

- Integrated absolute encoder.
- Entitled to bear the environmental label "Blue Angle".
- Operation w/o battery, through solar technology already starting from 60 lx.
- Voltage reserve at under 60 lx due to super capacitor.

SOLAR

Solar operation starting from 60 lx

Serie 500

Super Caliper DIN 862

- IP-67 Coolant Proof: Highly resistant against coolants and lubricants.
- Impact-proof housing.

ABSOLUTE™
 Absolute System Patented by MITUTOYO



Measuring range mm	No.	Depth gage	Protection class IP-67	Data output	L mm	a mm	b mm	c mm	d mm	Mass g
0-150	500-772-1	●	●	—	233	40	21,0	16,5	16	180
0-150	500-792-1	∅ 1,9 mm	●	—	233	40	21,0	16,5	16	180
0-200	500-773-1	●	●	—	290	50	24,5	20,0	16	210
0-150	500-778-1	●	●	●	233	40	21,0	16,5	16	180
0-200	500-779-1	●	●	●	290	50	24,5	20,0	16	210

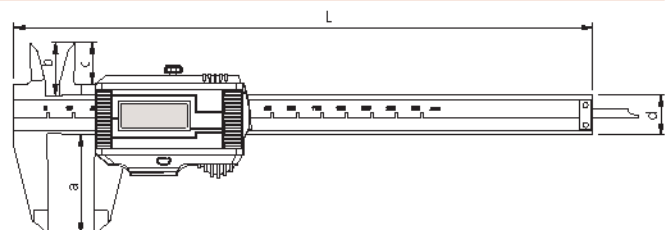
Series 500 DIN 862 with data output



Series 500 DIN 862 without data output



Measuring range mm	No.	Comments	Data output	L mm	a mm	b mm	c mm	d mm	Mass g
0-150	500-444	with drive roller	●	231	40	21,0	16,5	16	170
0-200	500-445	with drive roller	●	288	50	24,5	20,0	16	200
0-150	500-457	—	●	231	40	21,0	16,5	16	150
0-200	500-458	—	●	288	50	24,5	20,0	16	180



™ Patent numbers see page 480