

CALIPER

- **METROLOGY**® calipers come in brand new designs. Each model is uniquely made with new quality in innovations, function and precision. They are the ultimate market value you will find. We are confident that our products will fully satisfy your demand and earn your trust.
- Each of our brand new designed calipers is developed in Taiwan. Innovated design combines with the workmanship of Swiss. 100% quality control assurance is carried out in our calibration laboratory in Taiwan.
- Metrology calipers are made with hardened stainless steel hardness HRC 48-52. All parts are precision grinded and polished to ensure the requirements for absolute straightness, flatness, parallels, and rigidity.
- Each caliper is calibrated based on the measuring accuracy standards of ISO 3611, DIN 862 in Germany, JIS B7507 in Japan and JCC (Jingstone Calibration Center) in Taiwan. English calibration report is included with every caliper.

DIN 862 CALIPER ACCURACY STANDARDS

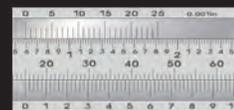
Measuring length(mm)	Scale minimum reading values		
	Vernier and Dial		Digital
	0.1 and 0.05mm	0.02mm	0.01mm
50	50	20	20
100			
200			
300			
400			
500	60	30	30
600	70		
700	80		
800	90		
900	100		
1000	110	40	40
1200	120		
1400	140		
1600	160		
1800	180		
2000	200	60	---
	220		

*MPE : Max Permissible Errors UNIT:um(0.001mm)

JIS B7507 CALIPER ACCURACY STANDARDS

Measuring length(mm)	Scale minimum reading values	
	0.1 and 0.05mm	0.02 and 0.01mm
50	±0.05	±0.02
> 50 to 100	±0.06	±0.03
> 100 to 200	±0.07	
> 200 to 300	±0.08	±0.04
> 300 to 400	±0.09	
> 400 to 500	±0.10	±0.05
> 500 to 600	±0.11	
> 600 to 700	±0.12	±0.06
> 700 to 800	±0.13	
> 800 to 900	±0.14	±0.07
> 900 to 1000	±0.15	

*Permissible errors of calipers UNIT : mm



Vernier



Dial



Digital

- The all new designed calipers come in Vernier, dial, and digital displays. Models with measuring range within 300mm are equipped with external, internal, depth and step measuring utilities. Other special models come with special utilities.

