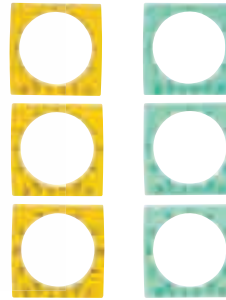


# Inductive digital comparator Millimes Maxµm III



## Functions:

- RESET (set display to zero)
- mm/inch
- Reversal of counting direction
- RANGE (switch the measuring range and resolution)
- ABS (reference to the electrical zero point)
- TOL (enter tolerance limit values)
- MAX/MIN memory for searching the reversal point
- TIR (MAX-MIN) for testing flatness and concentricity
- HOLD (storage of measured values)

- Large, high contrast digital, analog and fan display for better readability while testing flatness and concentricity as well as for searching the reversal point in bores

- Interchangeable dials

- Inductive absolute measuring system

- Metal cast housing with robust buttons

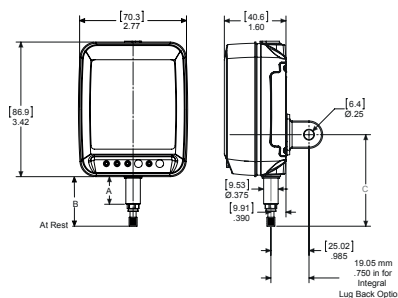
- **Energy supply:** Battery life approx. 4000 hrs.

- **Scope of delivery:** Interchangeable dials, Battery, Instruction manual

## Technical Data

Order no.	2033101	2033103	2033105	2033107	2033102	2033104	2033106	2033108
Product type	Maxµm III							
Measuring range	mm	±1			±1.99			
Measuring range	inch	± .040"			± .100"			
Partial measuring range	mm	± 0.199						
Partial measuring range	inch	± .0199"						
Resolution	mm	0.0005, 0.001, 0.005			0.001, 0.005			
Resolution	inch	.00002", .00005", .0001", .0005"			.0001", .0005"			
Error limit	µm	± 10			± 14			
Error limit	inch	± .0004"			± .0007"			
Error limit in partial measuring range	µm	± 1						
Error limit in partial measuring range	inch	± .0001"						
Standard	Factory standard							
Overtravel	mm	0.8			1.3			
Measuring force	N				0.8 - 1.1			
Range of analog display	mm	± 5, ± 25, ± 50			± 25, ± 50			
Data output Maxµm	No output							
IP protection category:	IP 54							

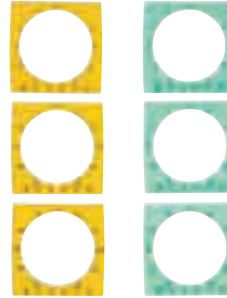
Order no.	a	b	c	a	b	c	Mounting shaft	Mounting shaft
	inch	inch	inch	mm	mm	mm	mm	inch
2033101	.670"	1.42"	2.50"	17	36	63.5		.375"
2033103	1.5"	2.25"	3.33"	38	57	84.6		.375"
2033105	.670"	1.42"	2.50"	17	36	63.5	8	
2033107	1.5"	2.25"	3.33"	38	57	84.6	8	
2033102	.87"	1.84"	2.87"	22	47	73		.375"
2033104	1.5"	2.25"	3.33"	38	57	84.6		.375"
2033106	.87"	1.84"	2.87"	22	47	73	8	
2033108	1.5"	2.25"	3.33"	38	57	84.6	8	



# Inductive digital comparator Millimes Maxµm III



Willrich Precision  
Ph 866-945-5742  
sales@willrich.com



## Functions:

- RESET (set display to zero)
- mm/inch
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- RANGE (switch the measuring range and resolution)
- ABS (reference to the electrical zero point)
- TOL (enter tolerance limit values)
- MAX/MIN memory for searching the reversal point
- TIR (MAX-MIN) for testing flatness and concentricity
- HOLD (storage of measured values)

- Large, high contrast digital, analog and fan display for better readability while testing flatness and concentricity as well as for searching the reversal point in bores

## Technical Data

Order no.	2033111	2033113	2033115	2033117	2033112	2033114	2033116	2033118
Product type	Maxµm III							
Measuring range	mm	±1			±1.99			
Measuring range	inch	±.040"			±.100"			
Partial measuring range	mm	± 0.199						
Partial measuring range	inch	±.0199"						
Resolution	mm	0.0005, 0.001, 0.005			0.001, 0.005			
Resolution	inch	.00002", .00005", .0001", .0005"			.0001", .0005"			
Error limit	µm	± 10			± 14			
Error limit	inch	±.0004"			±.0007"			
Error limit in partial measuring range	µm	± 1						
Error limit in partial measuring range	inch	±.0001"						
Standard	Factory standard							
Overtravel	mm	0.8			1.3			
Measuring force	N	0.8 - 1.1						
Range of analog display	mm	± 5, ± 25, ± 50			± 25, ± 50			
Data output Maxµm	Data output 6 pin (E2)							
IP protection category	IP 54							

- Interchangeable dials
- Inductive absolute measuring system
- Metal cast housing with robust buttons
- **Data interface:** RS232C, Digimatic, USB
- **Energy supply:** Battery life approx. 4000 hrs.
- **Scope of delivery:** Interchangeable dials, Battery, Instruction manual
- **Data interface:** RS232C, Digimatic, USB
- **Energy supply:** Battery life approx. 4000 hrs.
- **Scope of delivery:** Interchangeable dials, Battery, Instruction manual

Order no.	a	b	c	a	b	c	Mounting shaft	Mounting shaft
	inch	inch	inch	mm	mm	mm	mm	inch
2033111	.670"	1.42"	2.50"	17	36	63.5		.375"
2033113	1.5"	2.25"	3.33"	38	57	84.6		.375"
2033115	.670"	1.42"	2.50"	17	36	63.5	8	
2033117	1.5"	2.25"	3.33"	38	57	84.6	8	
2033112	.87"	1.84"	2.87"	22	47	73		.375"
2033114	1.5"	2.25"	3.33"	38	57	84.6		.375"
2033116	.87"	1.84"	2.87"	22	47	73	8	
2033118	1.5"	2.25"	3.33"	38	57	84.6	8	

