

VERO Connector Gage Kits

Features:

- Simple testing method
- Optional resolution (resolution of 0.001 mm, repeatability of 0.002 mm)
- Digital micrometer reading for convenient measurement
- Support both metric and imperial units
- Comprehensive range of port types

Components List:



Package Contents

- ① Male Interface Gauge
- ② Male Interface Gauge Zero Calibration Block
- ③ Male Interface Gauge Calibration Standard Block
- ④ Female Interface Gauge
- ⑤ Female Interface Gauge Zero Calibration Block
- ⑥ Female Interface Gauge Calibration Standard Block
- ⑦ Torque Wrench
- ⑧ Fixed Open-End Wrench
- ⑨ Packaging Wooden Box and Lining

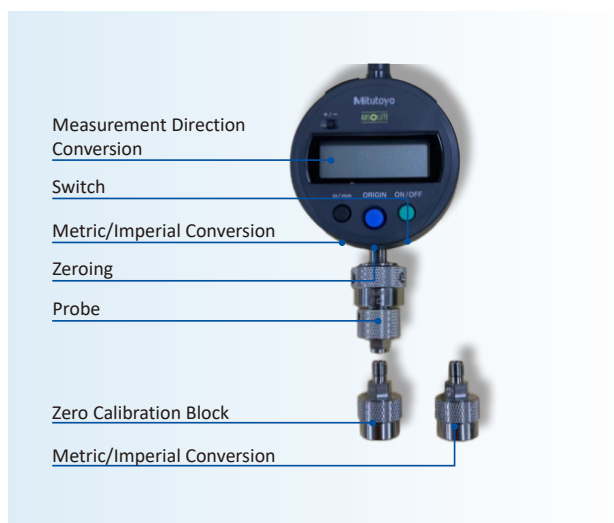
Model:

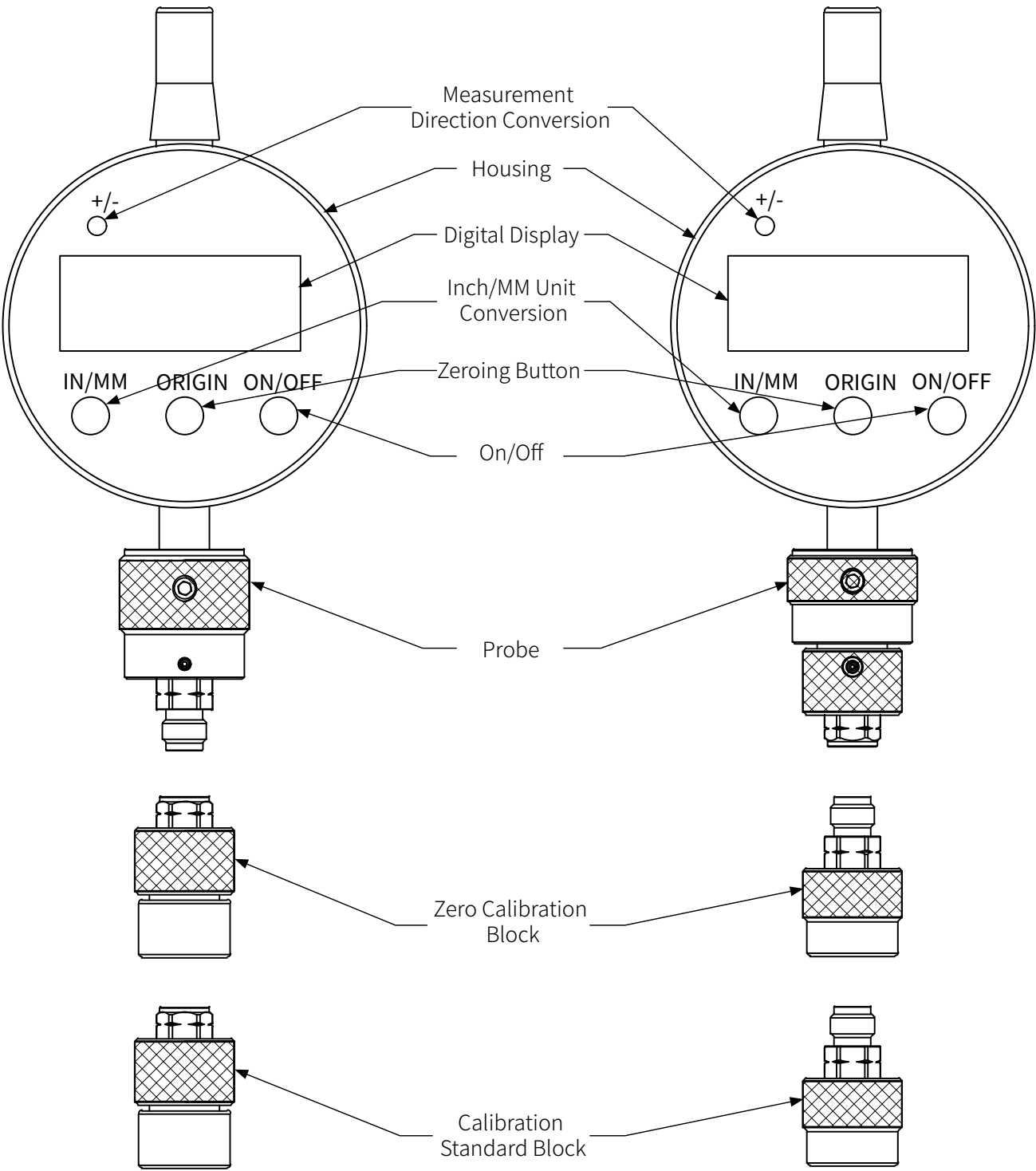
Model	Gauge Type	Resolution
VCGK-10	1.0 mm	0.001 mm
VCGK-13	1.35 mm	0.001 mm
VCGK-18	1.85/2.4	0.001 mm
VCGK-29	mm2.92/3.5	0.001 mm
VCGK-SMA	mmSMAP(Center	0.001 mm
	Pin)SMAD	0.001 mm
VCGK-N	(Insulator)	0.01

Note: Optional resolution 0.001 mm or 0.01 mm.

Operating Procedure:

1. Turn on the micrometer switch.
2. Calibrate the interface gauge probe by connecting it to the zero calibration block.
3. Press "ORIGIN" to reset to zero.
4. Remove the zero calibration block.
5. Connect the calibration standard block, and if the micrometer reading matches the value of the calibration standard block, proceed with measurement.



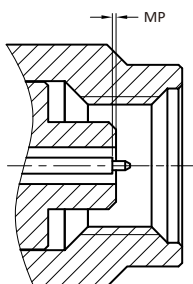


VGK-10

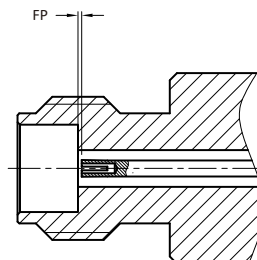
1.0 mm Connector Gage Kits

Model	Dial Indicator	Range	Resolution	Accuracy	Repeatability
VGK-10	Digital Metric/ Imperial	0.4 (0.0157")	0.001 (0.000039")	0.003 (0.00012")	0.002 (0.000079")

Interface Dimensions



MP(male Pin):
Distance from Male Pin Step
Surface to Main End Surface.



FP(female Pin):
Distance from Female Pin End
Surface to Main End Surface.

1.0 mm				
Specification	MP mm(inch)		FP mm(inch)	
	Min	Max	Min	Max
IEC61169-31	--	0.05(0.002")	--	0.05(0.002")

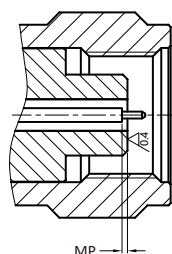
Note: Metric dimensions shall prevail; all geometric tolerances must meet requirements.

VGK-13

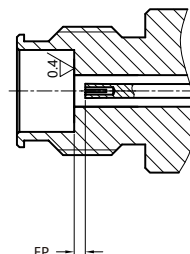
1.35 mm Connector Gage Kits

Model	Dial Indicator	Range	Resolution	Accuracy	Repeatability
VGK-13	Digital Metric/ Imperial	0.003 mm	0.001 mm	0.001 mm	0.002 mm

Interface Dimensions



MP(Male Pin):
Distance from Male Pin Step
Surface to Main End Surface.



FP(Female Pin):
Distance from Female Pin End
Surface to Main End Surface

1.35 mm				
Specification	MP mm(inch)		FP mm(inch)	
	Min	Max	Min	Max
IEC61169-65	0.003(0.000118")	0.05(0.002")	0.003(0.000118")	0.05(0.002")

Note: Metric dimensions shall prevail; all geometric tolerances must meet requirements.

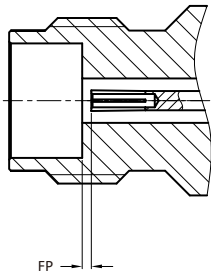
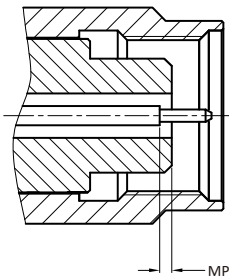
VGK-18

1.85/2.4 mm Connector Gage Kits

Model	Dial Indicator	Range	Resolution	Accuracy	Repeatability
VGK-18	Digital Metric/ Imperial	0.4 (0.0157")	0.001 (0.000039")	0.003 (0.00012")	0.002 (0.000079")

Interface Dimensions

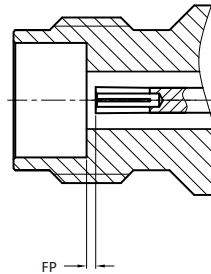
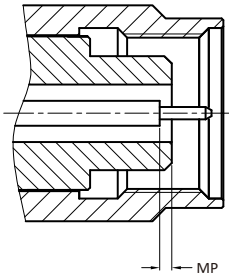
MP(Male Pin):
Distance from Male Pin Step
Surface to Main End Surface.



FP(Female Pin):
Distance from Female Pin End
Surface to Main End Surface.

1.85 mm				
Specification	MP mm(inch)		FP mm(inch)	
	Min	Max	Min	Max
IEEE Std 287-2007	0	0.05(0.002")	0	0.05(0.002")

MP(Male Pin):
Distance from Male Pin Step
Surface to Main End Surface.



FP(Female Pin):
Distance from Female Pin End
Surface to Main End Surface.

2.4 mm				
Specification	MP mm(inch)		FP mm(inch)	
	Min	Max	Min	Max
IEEE Std 287-2007	0	0.05(0.002")	0	0.05(0.002")

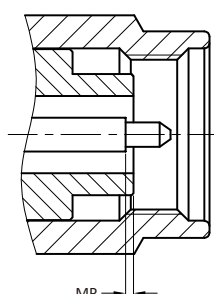
Note: Metric dimensions shall prevail; all geometric tolerances must meet requirements.

VGK-29

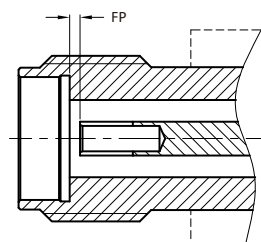
2.92/3.5 mm Connector Gage Kits

Model	Dial Indicator	Range	Resolution	Accuracy	Repeatability
VGK-29	Digital Metric/ Imperial	0.4 (0.0157")	0.001 (0.000039")	0.003 (0.00012")	0.002 (0.000079")

Interface Dimensions

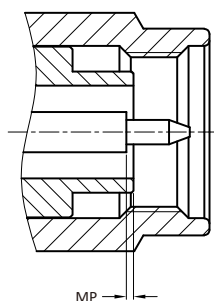


MP(Male Pin):
Distance from Male Pin Step
Surface to Main End Surface.

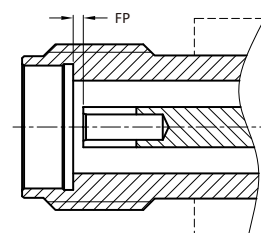


FP(Female Pin):
Distance from Female Pin End
Surface to Main End Surface

2.92 mm				
Specification	MP mm(inch)		FP mm(inch)	
	Min	Max	Min	Max
IEC 61169-35	0	0.076(0.003")	0	0.076(0.003")



MP(Male Pin):
Distance from Male Pin Step
Surface to Main End Surface.



FP(Female Pin):
Distance from Female Pin End
Surface to Main End Surface

3.5mm				
Specification	MP mm(inch)		FP mm(inch)	
	Min	Max	Min	Max
IEC 60169-23	0	0.076(0.003")	0	0.076(0.003")

Note: Metric dimensions shall prevail; all geometric tolerances must meet requirements.

VGK-SMA

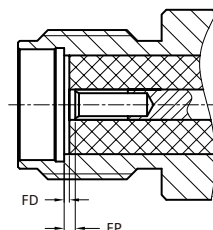
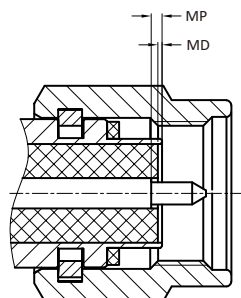
SMA Connector Gage Kits

Model	Dial Indicator	Range	Resolution	Accuracy	Repeatability
VGK-SM	Digital Metric/ Imperial	0.003 mm	0.001 mm	0.001 mm	0.002 mm

Interface Dimensions

MD(Male Dielectric):
Male Pin Insulator Below Main
End Surface Range.

MP(Male Pin):
Distance from Male Pin Step
Surface to Main End Surface.



FD(Female Dielectric):
Female Pin Insulator Below Main
End Surface Range.

FP(Female Pin):
Distance from Female Pin End
Surface to Main End Surface

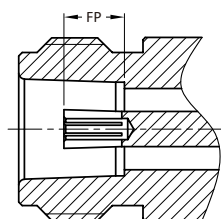
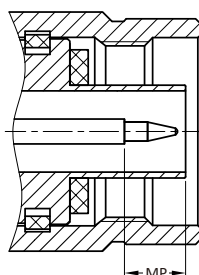
SMA								
Specification	MP mm(inch)		MD mm(inch)		FP mm(inch)		FD mm(inch)	
	Min	Max	Min	Max	Min	Max	Min	Max
MIL-STD-348B	0	0.254(0.01")	0	0.2(0.008")	0	0.254(0.01")	0	0.2(0.008")

Note: Metric dimensions shall prevail; all geometric tolerances must meet requirements.

VCGK-N

N Connector Gage Kits

Model	Dial Indicator	Range	Resolution	Accuracy	Repeatability
VCGK-N	Digital Metric/Imperial	0.4 (0.0157")	0.001 (0.000039')	0.003 (0.00012')	0.002 (0.000079')



N				
Specification	MP mm(inch)		FP mm(inch)	
	Min	Max	Min	Max
IEC60169-16	5.28(0.0.208")	5.36(0.211")	5.18(0.204")	5.26(0.207")

Note: Metric dimensions shall prevail; all geometric tolerances must meet requirements.