



華記科技有限公司

高純氣體用壓力錶

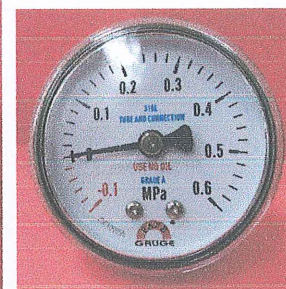
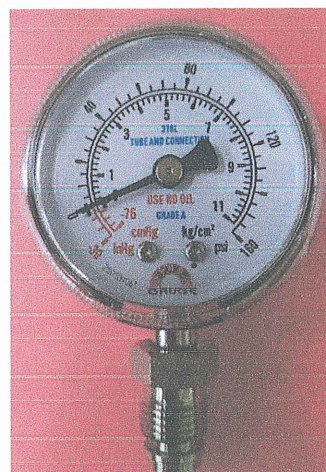
Ultra High Purity Pressure Gauge

SAFE-E /40. 50. 60 系列(EP 等級)

SAFE-E Series Electro-Polishing Grade

SAFE-B/40. 50. 60 系列(BA 等級)

SAFE-B Series Bright Annealing Grade



SAFE 系列專為半導體、電子、醫療、生物技術和製藥行業中使用的高純度氣體系統而設計。

SAFE Series is designed for high-purity gas systems used in the semiconductor, electronics, medical, biotechnology, and pharmaceutical industries.

產品規格 Product Specification

尺寸(外殼外徑)

Dimensions (outer diameter of the case) 40mm. 50mm. 60mm

款式 Style 直立式(Low mount). 背接式(Center Back mount)

對應接頭 Connection 1/4NPT
1/4" METAL FACE SEAL FITTINGS(公、母) *皆為 Swivel
1/4" TUBE WELDING

材質 Material

巴登管 Bourdon : SUS316L(表面處理 Surface treatment :BA. EP)
外殼 Casing : SUS304
機芯(內機) Movement : 不銹鋼 Stainless steel
蓋子 Cover : 聚碳酸酯(PC)
錶盤 Plate : 鋁 aluminium (白色 White)
指針 Point : 鋁合金 Aluminum Alloy (黑色 Black)

精度 Accuracy

Grade A $\pm 1.0\%$ F.S(Dial size:50mm. 63mm)
Grade B $\pm 2.0\%$ F.S(Dial size:35mm. 50mm. 63mm)



使用溫度	環境溫度 Ambient temperature	-40°C~+65°C
Temperature Range	流體溫度 Fluid temperature	最大+100°C (Max. +100°C)
He 洩漏率	1.0x10 ⁻¹⁰ Pa·m ³ /sec 以下 less than 1.0x10 ⁻¹⁰ Pa·m ³ /sec	
He Leakage rate		

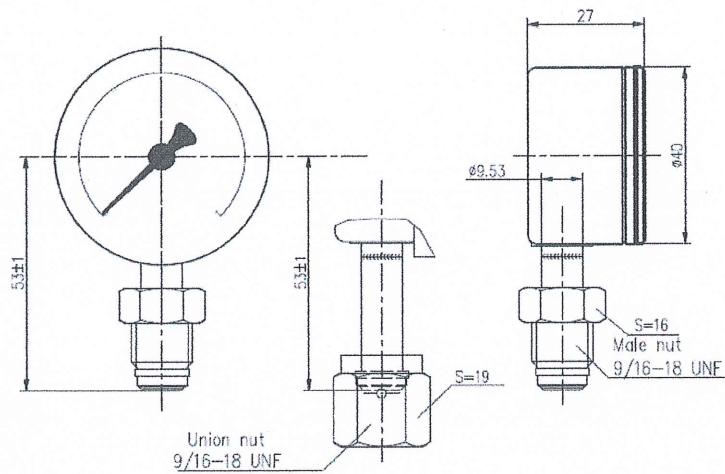
洗淨/製造/檢驗規範 Cleaning/Manufacturing/Inspection Specifications

產品	SAFE-E/SAFE-B
Product	
潔淨度	ASME B40.100 的潔淨度等級 LEVEL 4
Cleanliness	ASME B40.100 Cleanliness LEVEL 4
洗淨	超音波洗淨
Cleaging	
組裝/調整. 校正	組裝 Assemble : CLASS 10,000 C.R
Assemble/adjust.	調整·校正 adjust. correction : CLASS 100 C.R
correction	
洩漏測試	氦氣測漏 Use Helium to test
Leak test	
禁油·禁水	禁油·禁水處理
Use no oil and	Prohibition of oil and water treatment
water	
包裝	聚乙烯材質 真空雙層包裝
Packing	Polyethylene material. Vacuum double-layer packaging

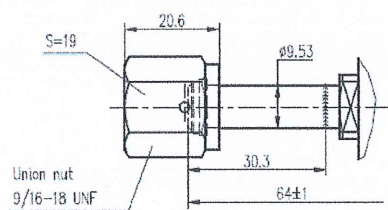
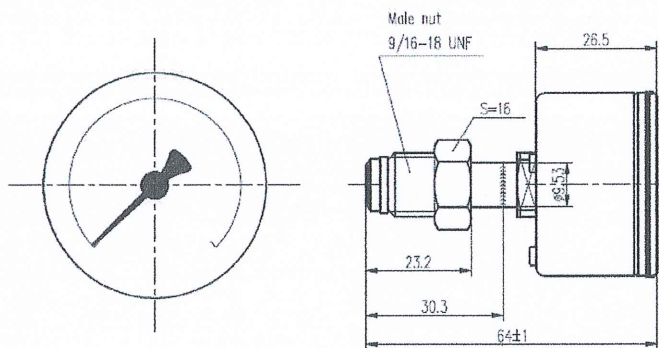
壓力範圍表 Pressure Range List

壓力範圍	壓力範圍	壓力範圍
RANGE	RANGE	RANGE
(psi/K)	(psi/K)	(psi/K)
0~30psi/K	0~3000psi/K	-30inHg~80psi/K
0~60psi/K	0~3500psi/K	-30inHg~90psi/K
0~150psi/K	0~3600psi/K	-30inHg~100psi/K
0~200psi/K	0~4000psi/K	-30inHg~150psi/K
0~300psi/K	0~5000psi/K	-30inHg~160psi/K
0~600psi/K	0~6000psi/K	-30inHg~200psi/K
0~1000psi/K	-30inHg~15psi/K	-30inHg~300psi/K
0~1500psi/K	-30inHg~30psi/K	-30inHg~500psi/K
0~1600psi/K	-30inHg~40psi/K	-30inHg~600psi/K
0~2000psi/K	-30inHg~60psi/K	-30inHg~1000psi/K

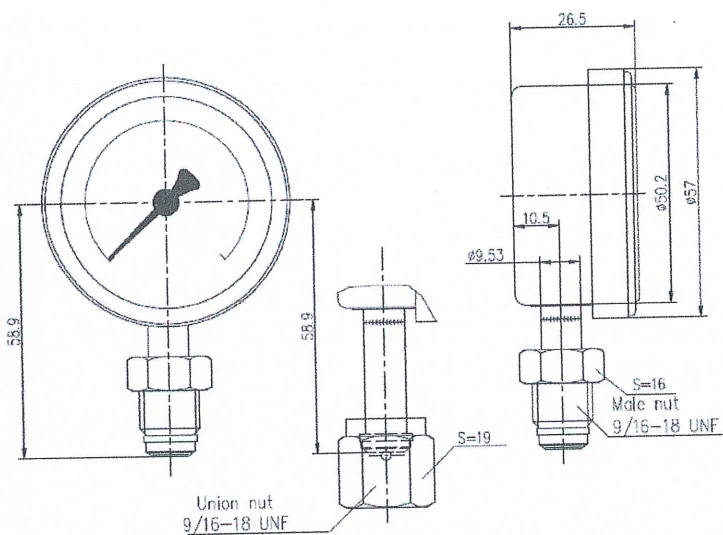
■ 尺寸圖 Dimension:



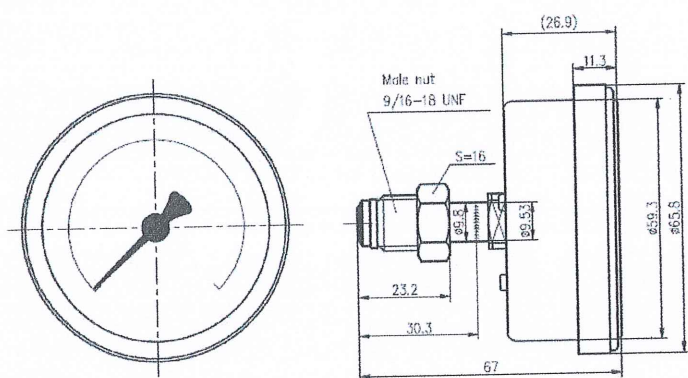
* 直立式面徑 40mm



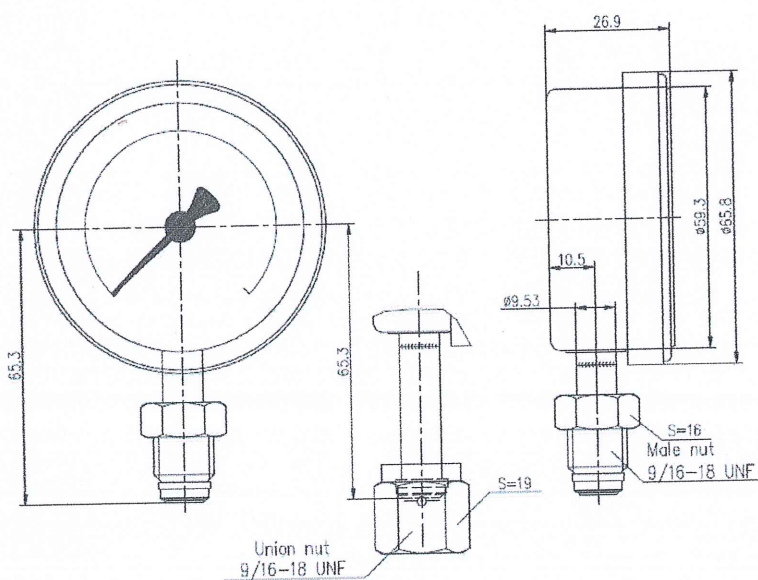
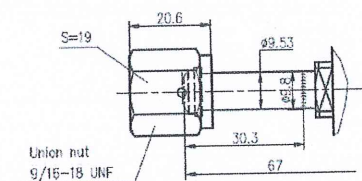
* 埋入式面徑 40mm



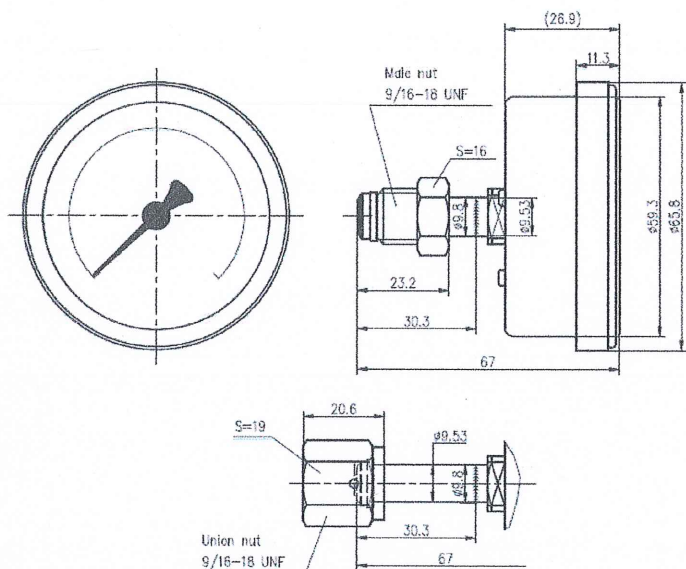
* 直立式面徑 50mm



* 埋入式面徑 50mm



* 直立式面徑 60mm



*埋入式面徑 60mm

