

## WORLD PATENT 新型世界發明專利



### 單面、雙面氣體式隔膜壓力計

SINGLE-SIDE, DOUBLE-SIDE GASEOUS DIAPHRAGM PRESSURE GAUGE

**N2氣體式隔膜**，主要應用於特殊之工作環境，深怕影響污染之管路、設備及具有腐蝕性之流體，適用於LCD設備、無塵式半導體管路設備、生化科技管路設備等等，可維持高科技產業管路之清潔。

**N2 Gaseous** diaphragm main application is with special working environment. Afraid that it might contaminate piping, facilities & fluid corrosiveness. Suitable for used in LCD facilities, dust-proof semi-conductor line facilities, biochemical technology facilities, etc and can maintain high-tech cleanliness.

#### 特點FEATURE

- 接液部材質為氟化樹脂，耐藥品性良好。  
Liquid material is fluoride resin, good pharmaceutical character.
- 可用於氫氟酸、強酸、強鹼。  
Usable with hydrofluoric acid, strong acid, alkali.
- 外殼全部為樹脂製。  
Casing were made of resin.
- 氣體通過方式為特殊雙重構造，具有腐蝕性。  
Vapor pass through a way for particular dual structure possesses corrosiveness.
- 密封方式為雙重密封構造。  
Seal up way for dual seal up structure.
- 膜片損害以至於氮氣洩出亦不會污染製程。  
Cannot contaminate the whole set-up if nitrogen leakage & capsule damaged.
- 內部結構之設計，具備防震降低壓力指示針抖動。  
Inside structure design has anti-shock resistant & can lower pressure indicator shaking.
- 隔膜內填充氣體為 N2 (99.99%) 因填充氮氣故穩定性佳。  
Diaphragm is filled with nitrogen (N2 99.99%) for better stabilization.
- 附2~3只安全指示針 (綠、黃、紅三色)，可設定安全操作範圍。  
Attached 2~3 safety pointer (green, yellow, red) for better operation.

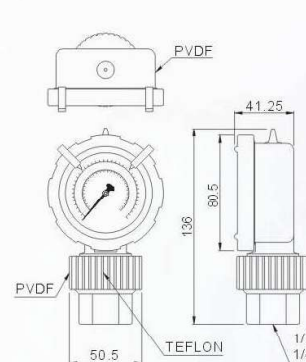


MS-EW

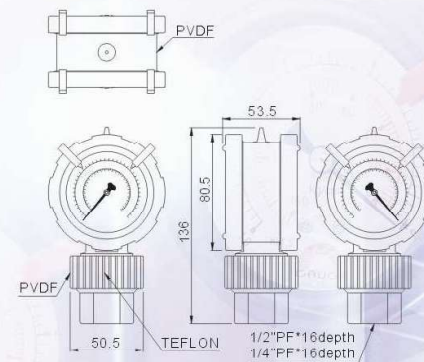


MR-EW

- DIAMETER : 2.5"  
面 徑 : 63(mm)
- PRESSURE RANGE : 0.35kg/cm<sup>2</sup>~50kg/cm<sup>2</sup>  
壓力範圍 : 5psi~700psi
- CASING & BEZEL : PVDF  
殼、框 : 氟化樹脂
- CONNECTION : 1/4PT、1/2PT mount OR other panel mount  
牙 口 : 標準1/4PT、1/2PT內牙或其他內外牙
- FLUID USAGE : pure water, chemical fluid, gaseous body  
使用流體 : 純水、藥液、氣體
- DIAPHRAGM : PVDF  
隔 膜 : 氟化樹脂
- CAPSULE : TEFLON  
膜 片 : 鐵氟龍
- ACCURACY : ±1.0%F.S.D  
精 確 度 : ±1.0%F.S.D
- TEMPERATURE RANGE : -10°C to +160°C (鐵氟龍) (氟化樹脂)  
使 用 溫 度 範 圍 : -10°C to +160°C (TEFLON) (PVDF)



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