



如須詳細型錄・歡迎來電索取
Detailed brochures available upon request.



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PRESSURE GAUGES
CATALOGUE

壓力錶簡介



壓力計全圖

FULL RANGE OF PRESSURE GAUGES



WORLD PATENT



品質 技術 服務 創新

Quality, Technology, Service, Innovation



INTRODUCTION

Hwa Chih Technology was founded in 1999. We are the expert at manufacturing various pressure gauges and thermometers.

We are located in Yin-Ko, Taipei county with 300 meters combine with factory and operation center, to provide the best service and quality to our customers.

Our chairman, Mr. Kao, established the company in 1999 and has set the role model with best quality and image in the market.

The main concept of service, technology, quality, and innovation of Hwa Chih drives the company to a multi-national and worldwide views.

Hwa Chih Technology constantly creates and developed various products to fulfill in industry needs.

The products of Double-side liquid filled pressure gauge as well as Double-side stainless liquid filled pressure gauge & Double-side diaphragm pressure gauge has won the world patent. We insist in creating and for enhancing our customers so as to assist them in facilitating the process in mechanical and engineering fields.



雙面充油式壓力計分解圖

PARTS OF DOUBLE-SIDE LIQUID FILLED PRESSURE GAUGE



WORLD PATENT 新型世界發明專利



單面、雙面氣體隔膜壓力計 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、無靈式半導體管路設備、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.

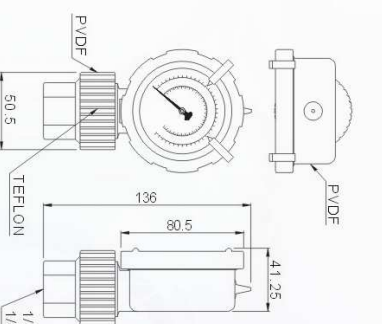


MS-EW

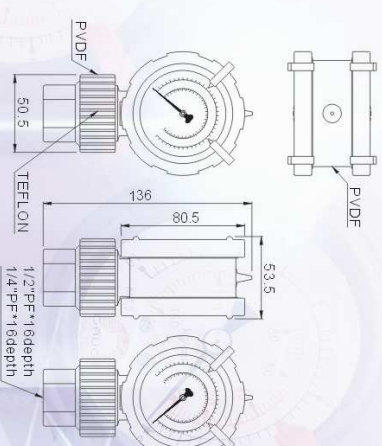


MR-EW

- DIAMETER : 2.5"
面 徑 : 63(mm)
- PRESSURE RANGE : 0.35kg/cm²~50kg/cm²
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 □：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℃ to +160℃ (鐵氟龍)(氟化樹脂)
使 用 溫 度 範 圍 : -10℃ to +160℃ (TEFLON)(PVDF)



MS-EW/25



MR-EW/25

WORLD PATENT 新型世界發明專利



雙面充油式壓力計 DOUBLE-SIDE LIQUID FILLED PRESSURE GAUGE

- DIAMETER : 2", 2.5", 4", 6"
面 徑 : 50、63、100、150(mm)
- PRESSURE RANGE : -76cmHg~0~1000kg/cm²
壓力範圍 : -30inHg~0~15000psi
- CASING & BEZEL : SUS 304 or EPDM Surface, anti-shock PP, PVDF
殼、框 : 不銹鋼304或橡膠包覆EPDM或耐衝擊PP, 氟化樹脂
- BOURDON TUBE : Brass or Phosphor bronze
巴登管 : 黃銅或磷青銅
- FILLING : 99.5% Glycerin or 1000# silicone oil
填充油 : 99.5% 植物性甘油或矽油
- CONNECTION : 1/8", 1/4", 3/8", 1/2", PT, NPT, BSPT, PF
牙 口 : 1/8", 1/4", 3/8", 1/2", PT, NPT, BSPT, PF
- ACCURACY : ±1.0%F.S.D, ±1.5%F.S.D
精確度 : ±1.0%F.S.D, ±1.5%F.S.D
- TEMPERATURE RANGE : -20°C to +60°C
使用溫度範圍 : -20°C to +60°C



AA-A

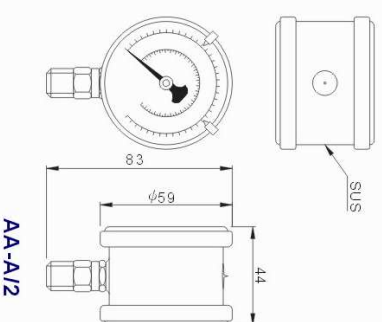


AA-AB

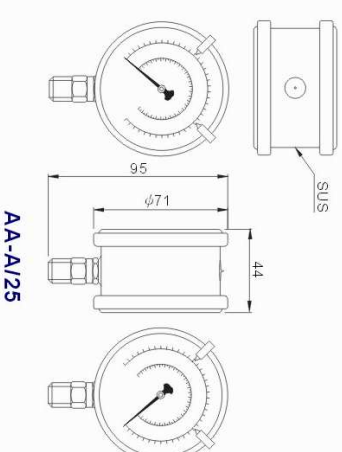


AB-A

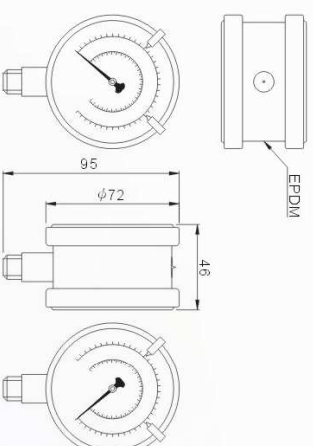
PS : 2.5", 4" (Size), attach 2 red safe pointers, enable to safe range.
2.5", 4" (面徑) 一律附二支紅色安全指示針, 可設定安全操作範圍。



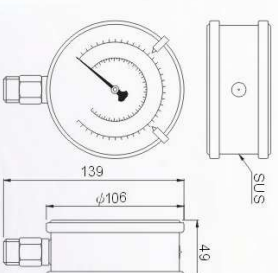
AA-A/12



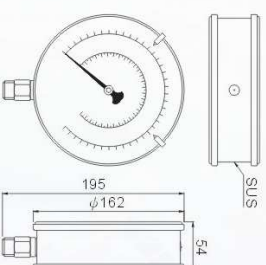
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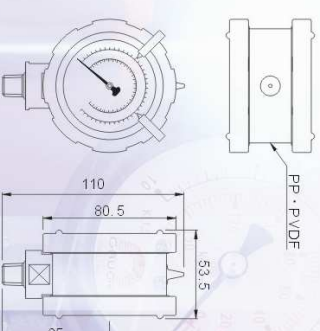
AA-AB/125



AA-A/4



AA-A/6



AB-A/25

WORLD PATENT 新型世界發明專利



雙面全不銹鋼壓力計 DOUBLE-SIDE ALL STAINLESS PRESSURE GAUGE

- DIAMETER : 2", 2.5", 4", 6"
面 徑 : 50, 63, 100, 150(mm)
- PRESSURE RANGE : -76cmHg~0~1000kg/cm²
壓力範圍 : -30inHg~0~15000psi
- CASING & BEZEL : SUS 304 or EPDM Surface, anti-shock PP, PVDF
殼、框 : 不銹鋼304或橡膠包覆EPDM或耐衝擊PP, 氟化樹脂
- BOURDON TUBE : 316L stainless steel.
巴登管 : 316L不銹鋼
- FILLING : 99.5% Glycerin or 1000# silicone oil
填充油 : 99.5% 植物性甘油或矽油
- CONNECTION : 1/8", 1/4", 3/8", 1/2", PT, NPT, BSPT, PF
牙 口 : 1/8", 1/4", 3/8", 1/2", PT, NPT, BSPT, PF
- ACCURACY : ±1.0% F.S.D, ±1.5% F.S.D
精確度 : ±1.0% F.S.D, ±1.5% F.S.D
- TEMPERATURE RANGE : -20°C to +200°C
使用溫度範圍 : -20°C to +200°C



BA-A

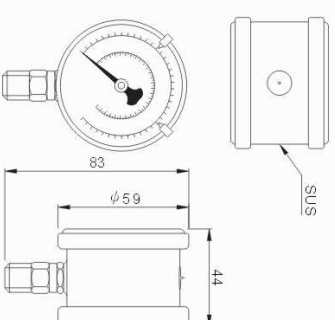


BA-AB

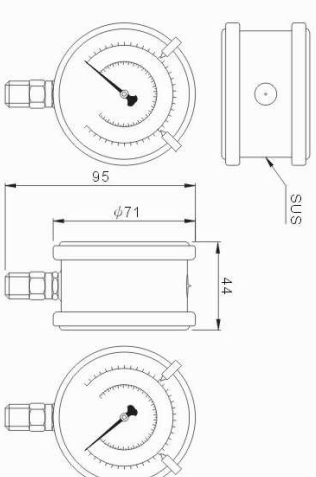


BB-A

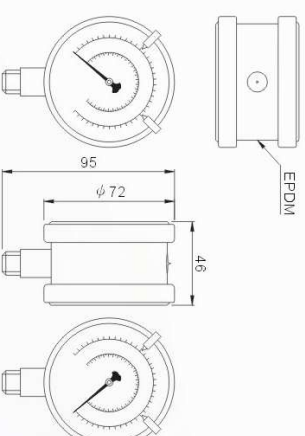
PS : 2.5", 4"(Size), attach 2 red safe pointers, enable to safe range.
2.5", 4"(面徑)一律附二支紅色安全指示針, 可設定安全操作範圍。



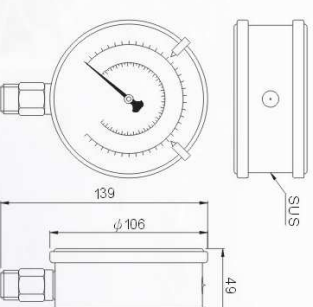
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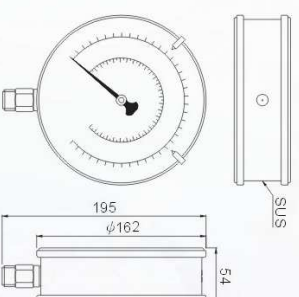
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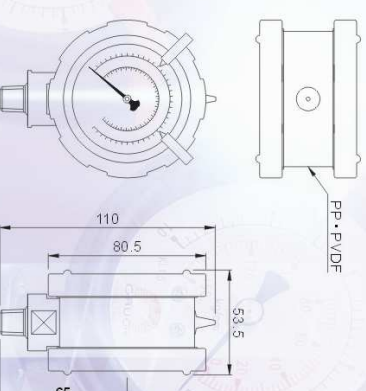
BA-AB/25



BA-A/4



BA-A/6



BB-A/25

WORLD PATENT 新型世界發明專利



雙面充油式PP隔膜壓力計 DOUBLE-SIDE P.P DIAPHRAGM PRESSURE GAUGE

- DIAMETER : 2.5", 4"
面 徑 : 63, 100(mm)
- PRESSURE RANGE : 0.35kg/cm²~50kg/cm²
壓力範圍 : 5psi~700psi
- CASING & BEZEL : SUS 304 or EPDM Surface, anti-shock PP, PVDF
殼、框 : 不銹鋼304或橡膠包覆EPDM或耐衝擊PP, 氟化樹脂
- CONNECTION : 1/8", 1/4", 3/8", 1/2", PT, NPT, BSPT, PF
牙 口 : 標準1/4PT, 1/2PT 內牙或其他內外牙
- FILLING : 99.5% Glycerin or 1000# silicone oil
填 充 油 : 99.5% 植物性甘油或矽油
- DIAPHRAGM : PP or TEFLON or PVDF
隔 膜 : PP或鐵氟龍或氟化樹脂
- CAPSULE : VITON or TEFLON
膜 片 : 氟素橡膠或鐵氟龍
- ACCURACY : ±1.5%F.S.D
精 確 度 : ±1.5%F.S.D
- TEMPERATURE RANGE : -10°C to +85°C(PP)
使 用 溫 度 範 圍 : -10°C to +160°C(TEFLON) (PVDF)



GA-ABC

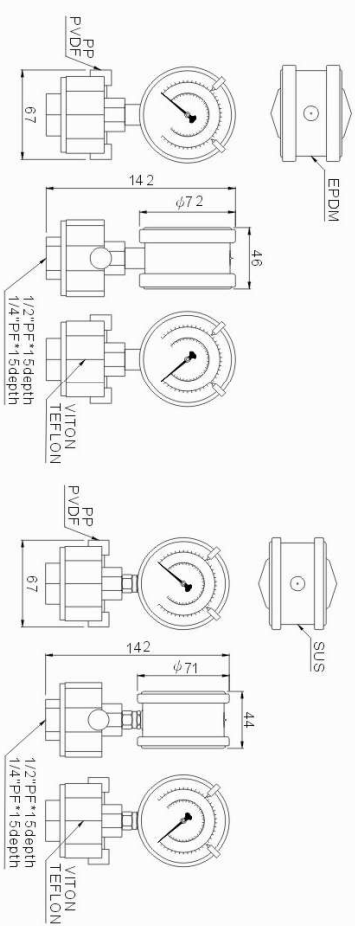
GA-AE

GA-AV

GR-AC

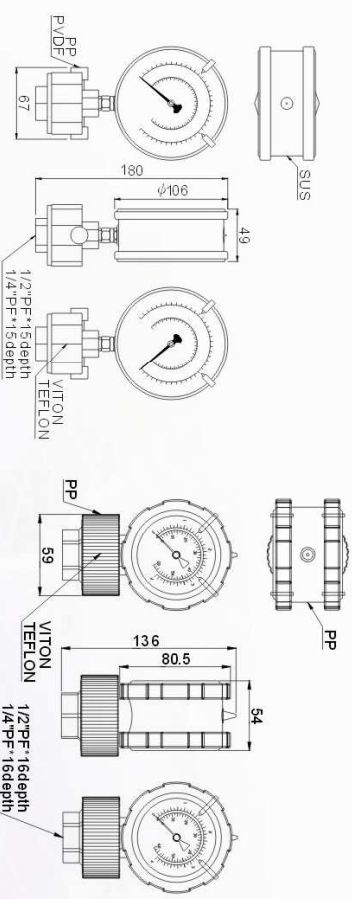
GR-E

PS : 2.5", 4" (Size), attach 2 red safe pointers, enable to safe range.
2.5", 4" (面徑) 一律附二支紅色安全指示針, 可設定安全操作範圍。



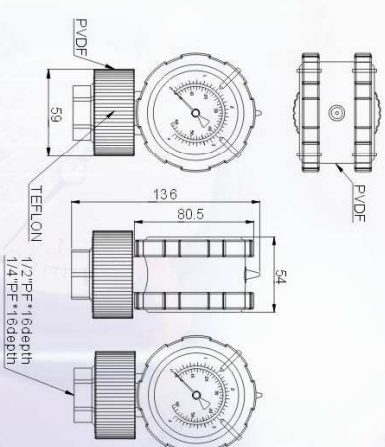
GA-ABC/25

GA-AV/25



GA-AC/4

GR-AC/25



GR-E/25



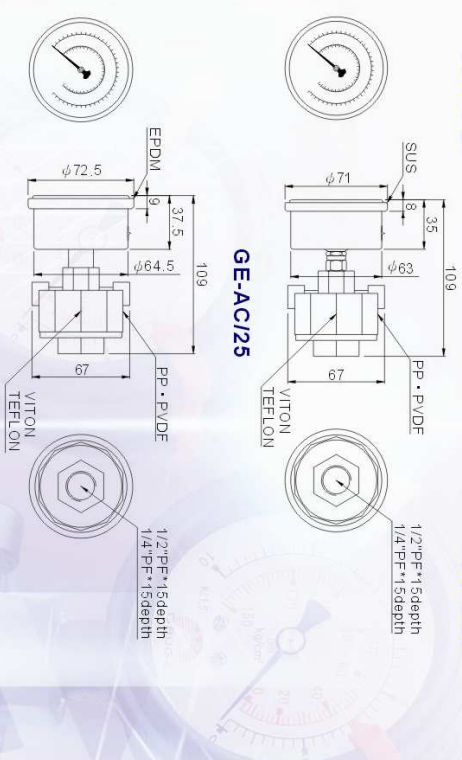
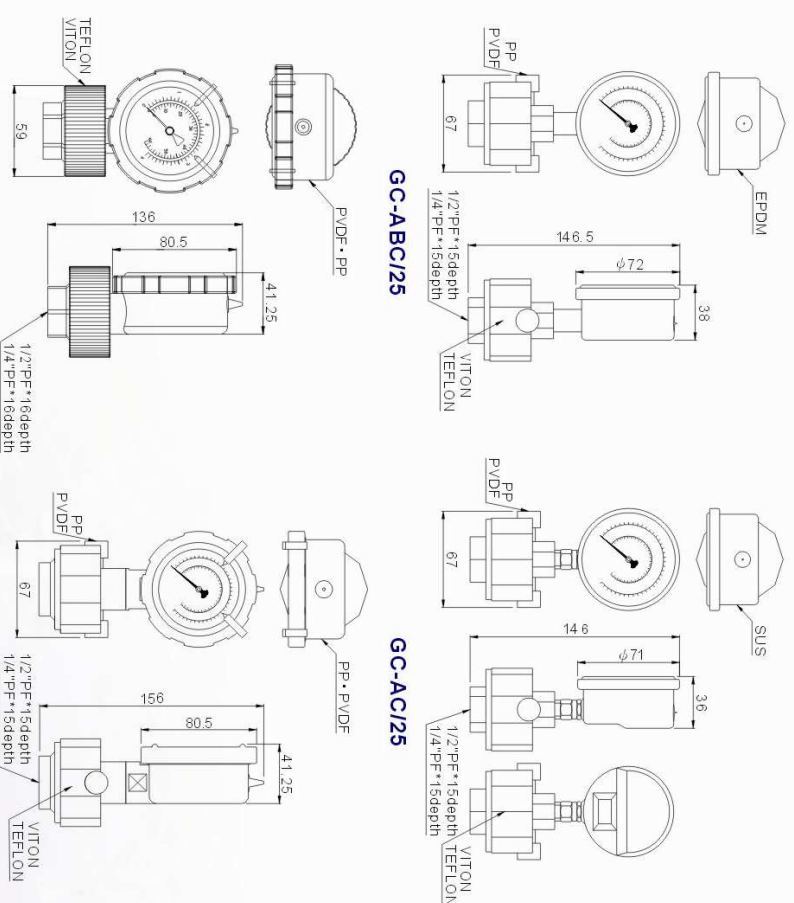
充油式 / 接點式 PP 隔膜壓力計

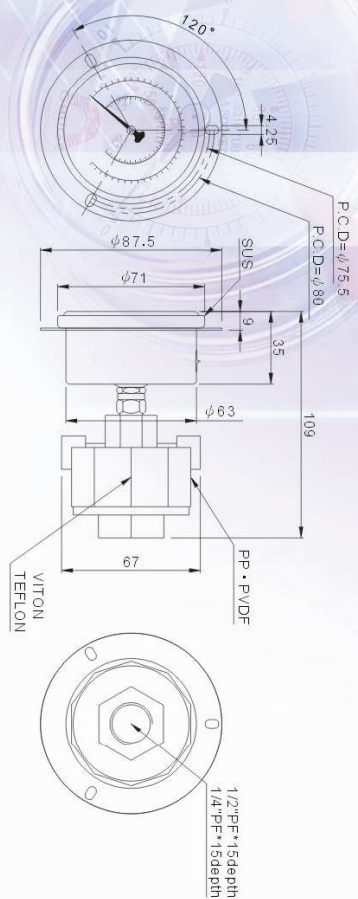
LIQUID FILLED PP DIAPHRAGM PRESSURE GAUGE OR
CONTACTOR ATTACHED PP DIAPHRAGM PRESSURE GAUGE

- DIAMETER : 2", 2.5", 3", 4"
面 徑 : 50、63、75、100(mm)
- PRESSURE RANGE : 0.35kg/cm²~50kg/cm²
壓力範圍 : 5psi~700psi
- CASING & BEZEL : SUS 304 or EPDM Surface , anti-shock PP , PVDF
殼、框 : 不銹鋼304或橡膠包覆EPDM或耐衝擊PP , 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
- DIAPHRAGM : PP or TEFLON , PVDF
隔 膜 : PP或鐵氟龍或氟化樹脂
- CAPSULE : VITON or TEFLON
膜 片 : 氟素橡膠或鐵氟龍
- ACCURACY : $\pm 1.5\%$ F.S.D
精 確 度 : $\pm 1.5\%$ F.S.D
- TEMPERATURE RANGE : -10°C to +85°C (PP)
使 用 溫 度 範 圍 : -10°C to +160°C (TEFLON)

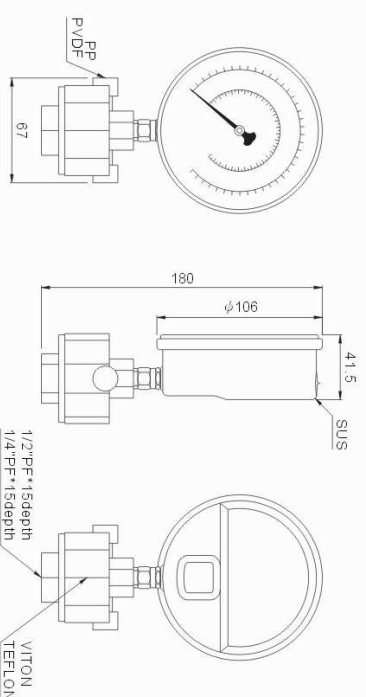


FJ-CJM13P2 FJ-CM11P2 FM-CFJM13P2 GJ-C GC-AC GS-AC

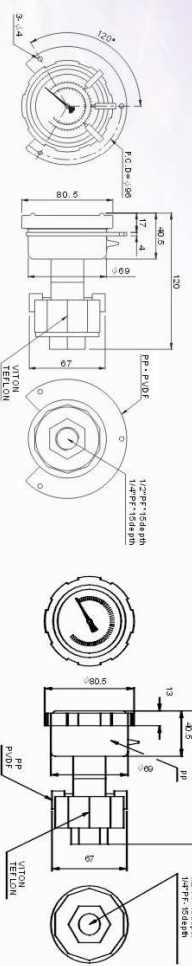




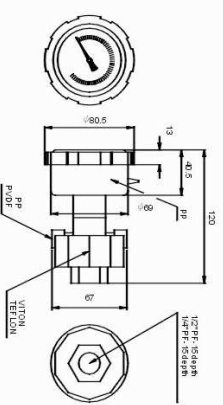
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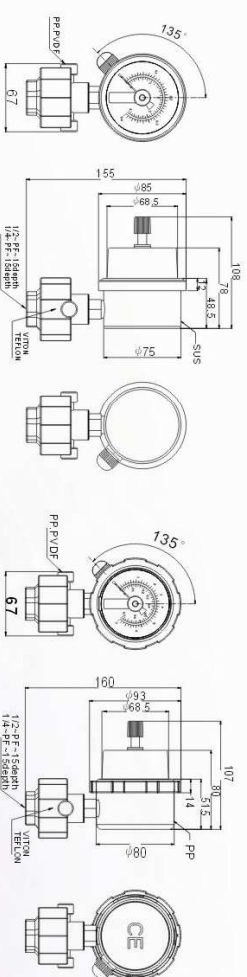
GC-AC/4



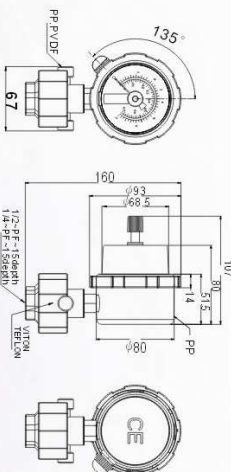
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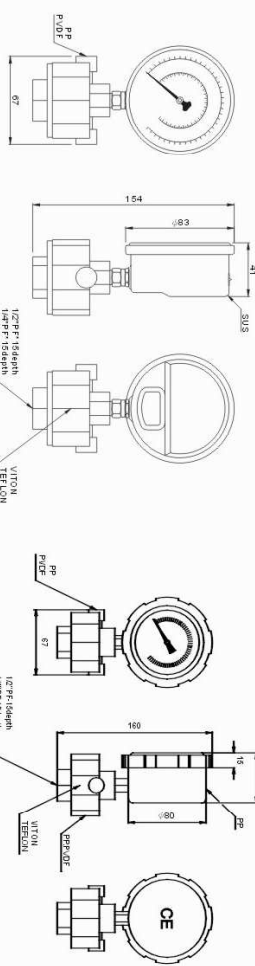
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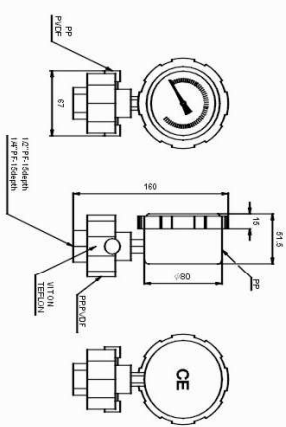
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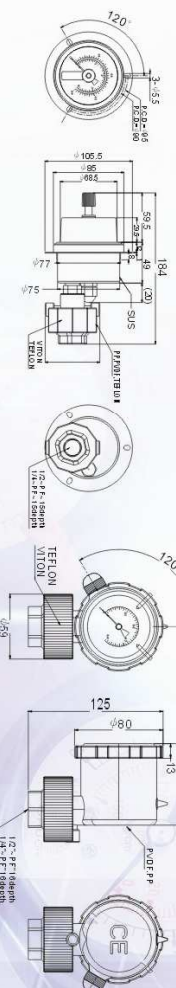
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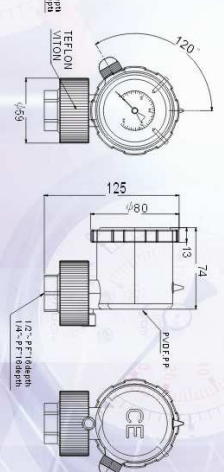
GC-AC/3



GD-ACM11P2/3



FM-CFJM13P2/3



GJ-C/125



隔膜式壓力計 DIAPHRAGM PRESSURE GAUGES

適用於受測之壓力源、有腐蝕、高壓高溫、硬化、凝結與乳膏狀之場所，如：電路板設備、塗料機械、食品機械、化工機械、均質機、紙漿機械等。

Suitable for pressure origins with corrosion, solidification or condensation, such as: paint-coating machinery, food machinery, chemical machinery, pulp machinery, chromium plating machinery, etc.

VARIOUS DIAPHRAGM PRESSURE GAUGES ARE ALL AVAILABLE TO PRODUCE.
各種隔膜壓力計皆可訂製

THREADED CONNECTION - 牙口式

The type is divided into female and male connector.

The male connector also got model 90 and model 70.

Their spec are from 1/4" to 1", the material they used are SUS316 and P.P, TEFLON, PVC.

牙口式隔膜可分為內牙式及外牙式，一般均為外牙式其外型有90型及70型兩種。

牙口規格有1/4"~1"均可訂作，材質有SUS 304# 316# PP, 鐵氟龍, PVC。



Pressurized Capsule : TEFLON, SUS 304、316L, TANTALUM, TITANIUM, VITON。
受壓膜片分為：鐵氟龍，不銹鋼304、316L，鉭，鈦，氟素橡膠。

FLANGE TYPE - 法蘭口式

Flange type is divided into single flange, double flange and z type flange.

The material they used are SUS304 and SUS316 with spec 1/2" 10K To 2" 10K.

法蘭口式隔膜又分單法蘭口及雙法蘭口式，還有工字形法蘭口式。

SA007 單法蘭口型
Single Flange Style



SA008 單法蘭口加長型
Single Flange
Extra Length Style



SA009 工字形法蘭口式
Dual Storey
Flanges Style



SANITARY TYPE - 衛生型

The type is divided into clamp, nut and connector.

Their spec are 1" to 4" and are used for the food, chemical and pharmacy industries.

衛生型隔膜可分為夾帶式、螺帽式、外牙式(夾帶可另外購買或選配)。

其規格有1"~4"，此型隔膜壓力計被廣泛應用於食品、藥品、化學工業之壓力量測。

SA010 夾帶式蓋組
Clamp Set Type



SA011 夾帶式上半部
Upper Clamp Type



SA012 螺帽式蓋組
Nut Type





附接點式壓力計、真空計、聯成計

PRESSURE GAUGES, VACUUM GAUGES, COMPOUND GAUGE WITH ELECTRICAL CONNECTION

- DIAMETER : 3", 4"
面 徑 : 75、100(mm)
- PRESSURE RANGE : -76cmHg~0~1000kg/cm²
壓力範圍 : -30inHg~0~15000psi
- CASING & BEZEL : Steel, Chrome plating(polished finish), SUS 304, anti-shock PP
殼、框、鏡、鍍鉻、不銹鋼304、耐衝擊PP
- BOURDON TUBE : Brass or 316L stainless steel
巴登管：黃銅或316L不銹鋼
- CONNECTION : 1/4", 3/8", 1/2"PT, NPT, PF
牙 口 : 1/4", 3/8", 1/2"PT, NPT, PF
- ACCURACY : $\pm 1.0\%$ F.S.D, $\pm 1.5\%$ F.S.D
精確度 : $\pm 1.0\%$ F.S.D, $\pm 1.5\%$ F.S.D
- TEMPERATURE RANGE : -20°C to +200°C
使用溫度範圍 : -20°C to +200°C



EJ-J



EM-FJ



EM-FM13



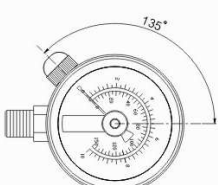
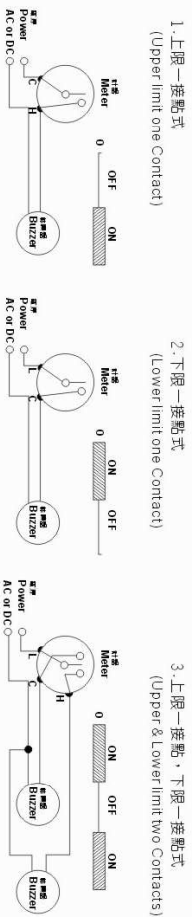
EJ-M11P4



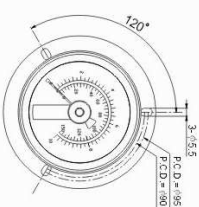
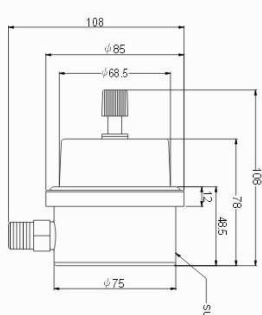
EJ-M13

with Electric Contactor pressure gauge & Circuit route example

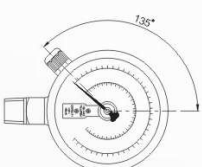
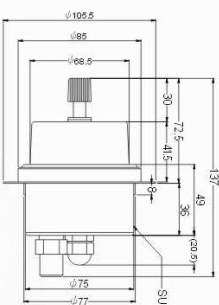
附接點式壓力計接點動作及迴路範例



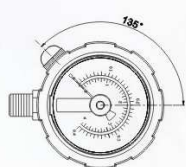
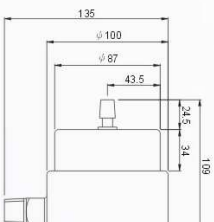
EJ-M13/3



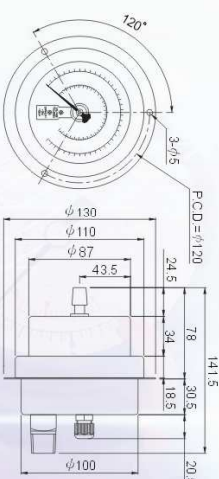
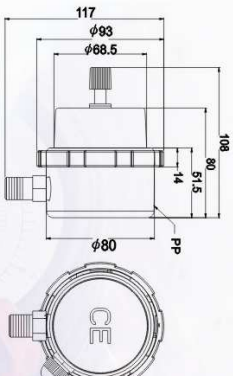
EM-FM13/3



EJ-J/4



EJ-M11P4/3



EM-FJ/4



充油式壓力計

LIQUID FILLED PRESSURE GAUGE

- DIAMETER : 2"、2.5"、3"、4"、6"
面 徑 : 50、63、75、100、150(mm)
- PRESSURE RANGE : -76cmHg~0~1000kg/cm²
壓力範圍 : -30inHg~0~15000psi
- CASING & BEZEL : SUS 304 or EPDM Surface , anti-shock PP , PVDF
殼、框 : 不銹鋼304或橡膠包覆EPDM或耐衝擊PP , 氟化樹脂
- BOURDON TUBE : Brass or Phosphor bronze
巴登管 : 黃銅或磷青銅
- FILLING : 99.5% Glycerin or 1000# silicone oil
填充油 : 99.5% 植物性甘油或矽油
- CONNECTION : 1/8"、1/4"、3/8"、1/2"、PT、NPT、BSPT、PF
牙 口 : 1/8"、1/4"、3/8"、1/2"、PT、NPT、BSPT、PF
- ACCURACY : $\pm 1.0\%$ F.S.D、 $\pm 1.5\%$ F.S.D
精確度 : $\pm 1.0\%$ F.S.D、 $\pm 1.5\%$ F.S.D
- TEMPERATURE RANGE : -20°C to +60°C
使用溫度範圍 : -20°C to +60°C



AF-AFH1

AF-AFM11



AC-A



AC-AF



AC-AB



AD-AM11



AE-AF



AE-A



AE-AU



AE-AB



蒸氣充油式壓力計

STEAM LIQUID FILLED PRESSURE GAUGE

- DIAMETER : 2"、2.5"、3"、4"、6"
面 徑 : 50、63、75、100、150(mm)
- PRESSURE RANGE : -76cmHg~0~50kg/cm²
壓力範圍 : -30inHg~0~700psi
- CASING & BEZEL : SUS 304 or EPDM Surface , anti-shock PP , PVDF
殼、框 : 不銹鋼304或橡膠包覆EPDM或耐衝擊PP , 氟化樹脂
- BOURDON TUBE : Brass or Phosphor bronze
巴登管 : 黃銅或磷青銅
- FILLING : 99.5% Glycerin or 1000# silicone oil
填充油 : 99.5% 植物性甘油或矽油
- CONNECTION : 1/8"、1/4"、3/8"、1/2"、PT、NPT、BSPT、PF
牙 口 : 1/8"、1/4"、3/8"、1/2"、PT、NPT、BSPT、PF
- ACCURACY : $\pm 1.0\%$ F.S.D、 $\pm 1.5\%$ F.S.D
精確度 : $\pm 1.0\%$ F.S.D、 $\pm 1.5\%$ F.S.D
- TEMPERATURE RANGE : -20°C to +200°C
使用溫度範圍 : -20°C to +200°C



AF-AFKH1

AF-AFKM11



AC-AK



AC-AFK



AC-ABK



AD-AKM11



AE-AFK



AE-AK



AE-AUK



AE-ABK



全不銹鋼壓力計

STAINLESS STEEL PRESSURE GAUGE

- DIAMETER : 2"、2.5"、3"、4"、6" 面 徑 : 50、63、75、100、150(mm)
- PRESSURE RANGE : -76cmHg~0~1000kg/cm² 壓力範圍 : -30inHg~0~1500psi
- CASING & BEZEL : SUS 304 or EPDM Surface, anti-shock PP, PVDF 殼、框 : 不銹鋼304或橡膠包覆EPDM或耐衝擊PP, 氟化樹脂
- BOURDON TUBE : 316L stainless steel 巴登管 : 316L 不銹鋼
- FILLING : 99.5% Glycerin or 1000# silicone oil 填充油 : 99.5% 植物性甘油或矽油
- CONNECTION : 1/8"、1/4"、3/8"、1/2"、PT、NPT、BSPT、PF 牙口 : 1/8"、1/4"、3/8"、1/2"、PT、NPT、BSPT、PF
- ACCURACY : ±1.0%F.S.D、±1.5%F.S.D 精度度 : ±1.0%F.S.D、±1.5%F.S.D
- TEMPERATURE RANGE : -10°C to +200°C 使用溫度範圍 : -10°C to +200°C



BF-AFH1

BF-AFM11



BC-A



BC-AF



BC-AB



BD-AM11



BE-AF



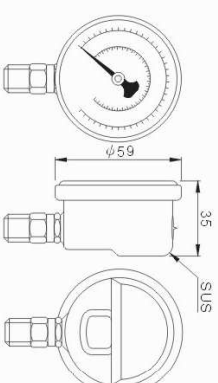
BE-A



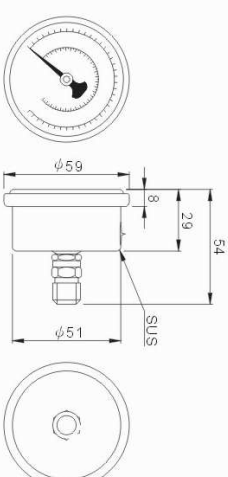
BE-AU



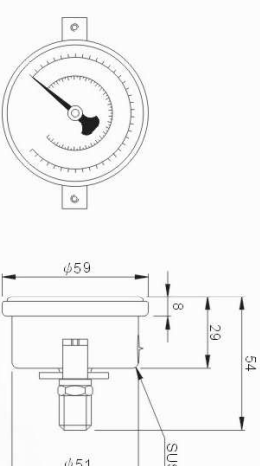
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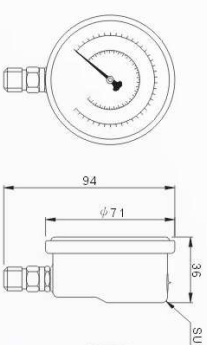
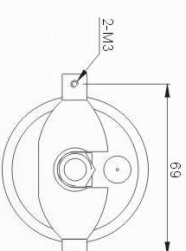
AC-A/2 . AC-AK/2



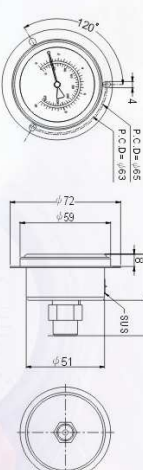
AE-A/2 . AE-AK/2



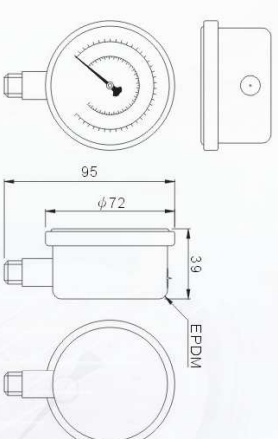
AE-AU/2 . AE-AUK/2



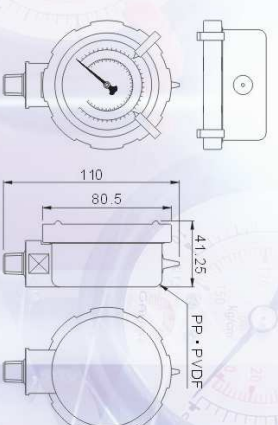
AC-A/25 . AC-AK/25 . BC-A/25



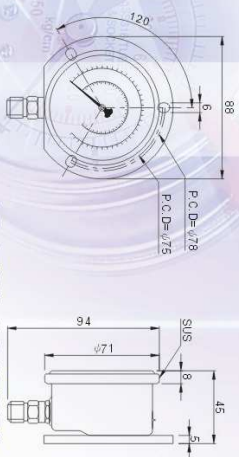
AE-A/25 . AE-AFK/2



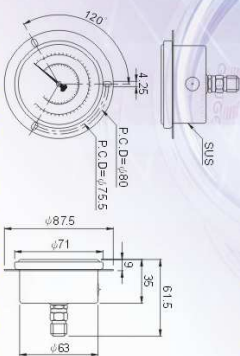
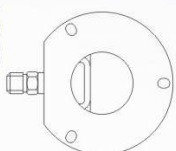
AC-AB/25 . AC-ABK/25 . BC-AB/25



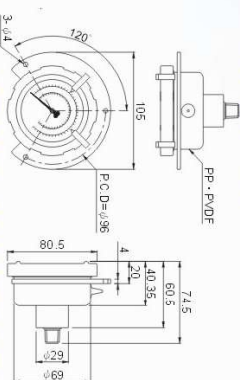
AD-A/25 . AD-AK/25 . BD-A/25



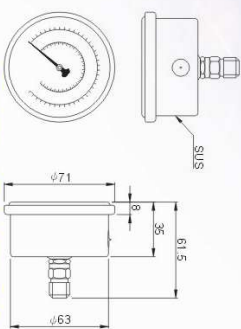
AC-AF/25 . AC-AFK/25 . BC-AF/25



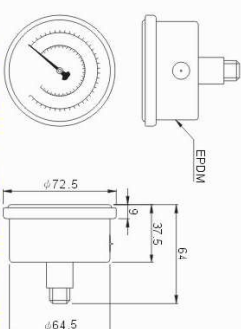
AE-AF/25 . AE-AFK/25 . BE-AF/25



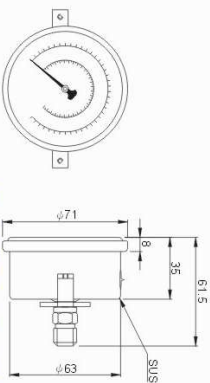
AF-AF/25 . AF-AFK/25 . BF-AF/25



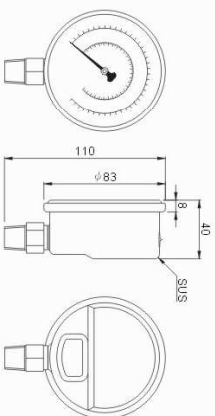
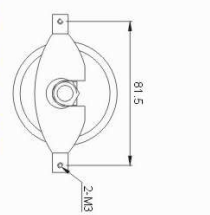
AE-A/25 . AE-AK/25 . BE-A/25



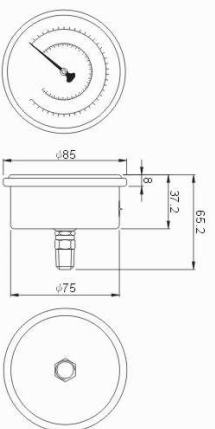
AE-AB/25 . AE-ABK/25 . BE-AB/25



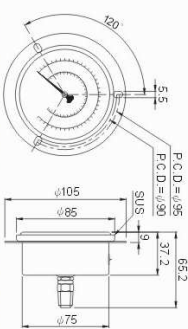
AE-AU/25 . AE-AUK/25 . BE-AU/25



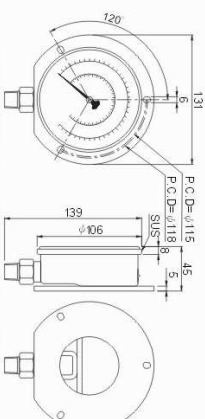
AC-A/3 . AC-AK/3 . BC-A/3



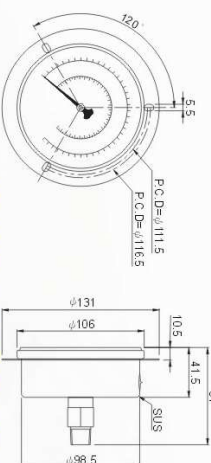
AE-A/3 . AE-AK/3 . BE-A/3



AE-AF/3 . AE-AFK/3 . BE-AF/3



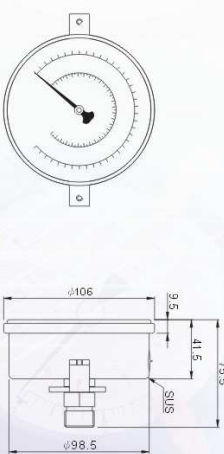
AC-AF/4 . AC-AFK/4 . BC-AF/4



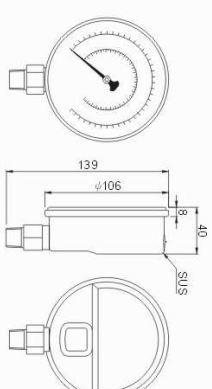
AE-AF/4 . AE-AFK/4 . BE-AF/4



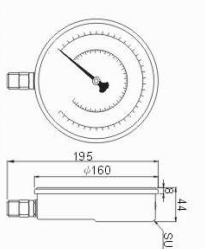
AE-AK/4 . AE-A/4 . BE-A/4



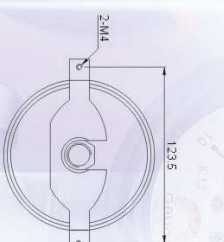
AE-AU/4 . AE-AUK/4 . BE-AU/4



AC-A/6 . AC-AK/6 . BC-A/6



AE-A/6 . AE-AK/6 . BE-A/6





充油冷煤壓力計

LIQUID FILLED REFRIGERATION PRESSURE GAUGE

- DIAMETER : 2.5" , 4"
面 徑 : 63 , 100 (mm)
- PRESSURE RANGE : -76cmHg~0~35kg/cm²
壓力範圍 : -30inHg~0~500psi
- CASING & BEZEL : SUS 304 or stainless , red or blue paint bezel anti-corrosion
殼、框 : 不銹鋼304或SUS框藍色、紅色防蝕塗裝
- BOURDON TUBE : Phosphor bronze
巴登管 : 磷青銅
- FILLING : 99.5% Glycerin or 1000# silicone oil
填充油 : 99.5% 植物性甘油或矽油
- CONNECTION : 7/16"-20UNF , 1/8 NPT , BSPT
牙 口 : 7/16"-20UNF , 1/8 NPT , BSPT
- ACCURACY : $\pm 1.5\%$ F.S.D
精確度 : $\pm 1.5\%$ F.S.D
- TEMPERATURE RANGE : -20°C to +60°C
使用溫度範圍 : -20°C to +60°C



CC-A



CC-AF



CE-AF



CE-AM1

CE-AM2



CA-A



CE-AFM1

CE-AFM2

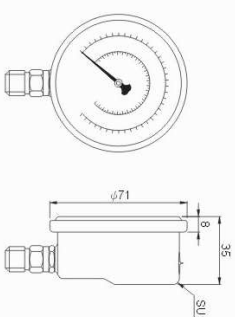


CC-AM1

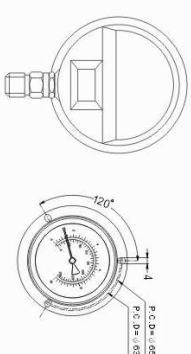
CC-AM2



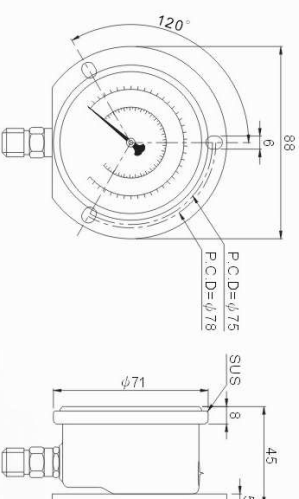
CE-A



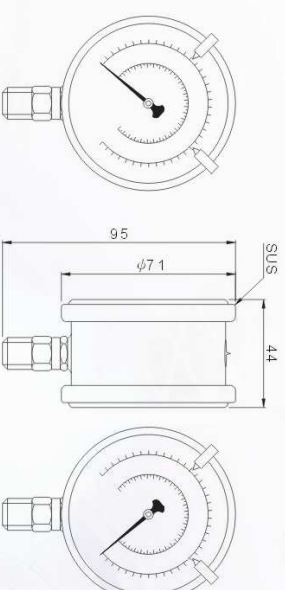
CC-A/25



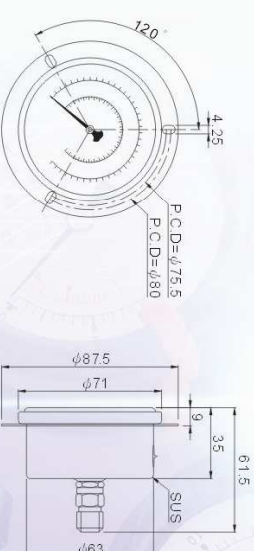
CE-AF/2



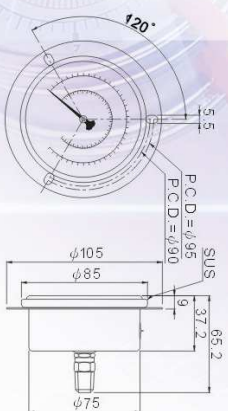
CC-AF/25



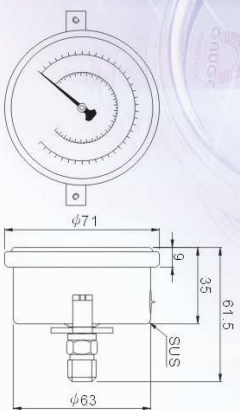
CA-A/25



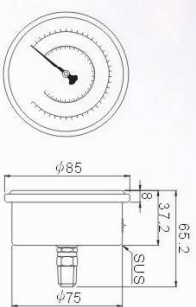
CE-AF/25



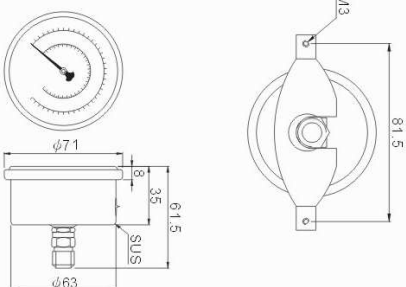
CE-AF/3



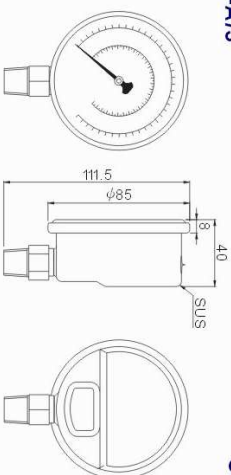
CE-AU/25



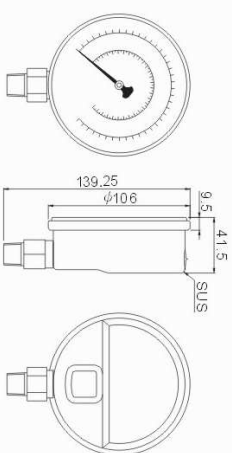
CE-A/3



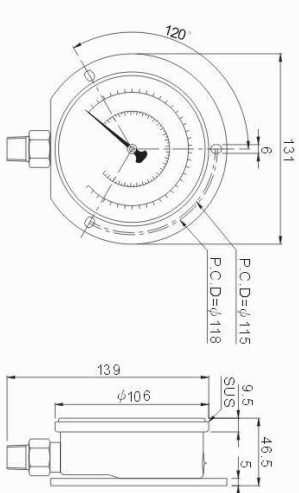
CE-A/25



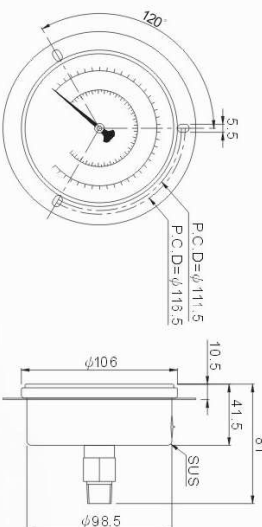
CC-A/3



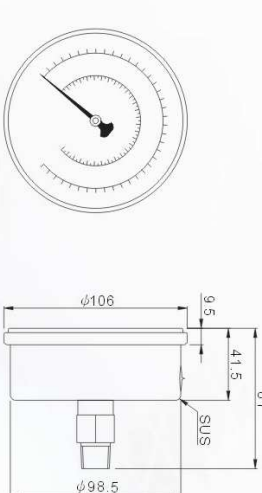
CC-A/4



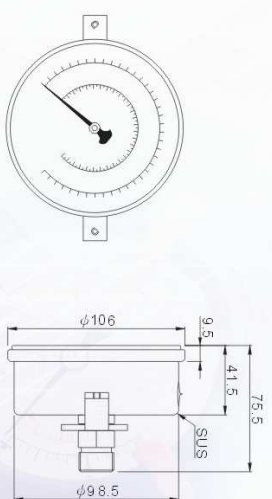
CC-AF/4



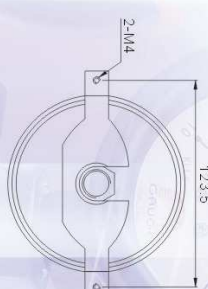
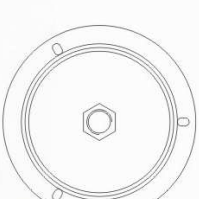
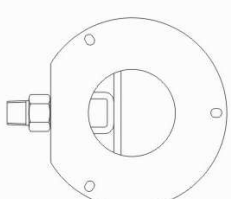
CE-AF/4



CE-A/4



CE-AU/4





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一般工業用壓力計、真空計、聯成計

GENERAL INDUSTRIAL SERVICE PRESSURE GAUGE

- DIAMETER : 1.5"、2"、2.5"、3"、4"、5"、6"
面 徑 : 40、50、63、75、100、125、150(mm)
- PRESSURE RANGE : -76cmHg~0~1000kg/cm²
壓力範圍 : -30inHg~0~15000psi
- CASING & BEZEL : Steel black corrosion resistant black paint
or chrome plating(polished finish)
殼、框 : 鐵，黑色防蝕塗裝或鐵，鍍鉻。
- BOURDON TUBE : Brass or Phosphor bronze
巴登管 : 黃銅或磷青銅
- CONNECTION : 1/8"、1/4"、3/8"、1/2"、PT、NPT、BSPT、PF
牙 口 : 1/8"、1/4"、3/8"、1/2"、PT、NPT、BSPT、PF
- ACCURACY : (1 1/2"、2")±2.5%F.S.D、(2.5"~6")±1.0%、±1.5%F.S.D
精 確 度 : (1 1/2"、2")±2.5%F.S.D、(2.5"~6")±1.0%、±1.5%F.S.D
- TEMPERATURE RANGE : -20°C to +60°C
使 用 溫 度 範 圍 : -20°C to +60°C



PC-M3



PC-FM8



PE-FM8



PE-M5



PE-M8U



PE-M6U



PG-FM3



PG-FM8



全銅蒸氣式壓力計

ALL BRASS STEAM PRESSURE GAUGE

- DIAMETER : 2.5"、3"、4"、5"、6"
面 徑 : 63、75、100、125、150(mm)
- PRESSURE RANGE : -76cmHg~0~1000kg/cm²
壓力範圍 : -30inHg~0~15000psi
- CASING & BEZEL : Brass
殼、框 : 銅，電鍍銅色。
- BOURDON TUBE : Brass or Phosphor bronze
巴登管 : 黃銅或磷青銅
- CONNECTION : 1/8"、1/4"、3/8"、1/2"、PT、NPT、BSPT、PF
牙 口 : 1/8"、1/4"、3/8"、1/2"、PT、NPT、BSPT、PF
- ACCURACY : ±1.0%F.S.D、±1.5%F.S.D
精 確 度 : ±1.0%F.S.D、±1.5%F.S.D
- TEMPERATURE RANGE : -20°C to +200°C
使 用 溫 度 範 圍 : -20°C to +200°C



PC-KM4



PC-FKM4



PC-FKL4



蒸氣式壓力計 STEAM PRESSURE GAUGE

- DIAMETER : 2.5", 3", 4", 5", 6"
面 徑 : 63、75、100、125、150(mm)
- PRESSURE RANGE : -76cmHg~0~1000kg/cm²
壓力範圍 : -30inHg~0~1500psi
- CASING & BEZEL : Steel black corrosion resistant black paint or chrome plating
(polished finish)
殼、框：鐵，黑色防銹塗裝或鐵，鍍鉻。
- BOURDON TUBE : Brass or Phosphor bronze
巴登管：黃銅或磷青銅
- CONNECTION : 1/8", 1/4", 3/8", 1/2", PT, NPT, BSPT, PF
牙 口：1/8", 1/4", 3/8", 1/2", PT, NPT, BSPT, PF
- ACCURACY : ±1.0%F.S.D, ±1.5%F.S.D
精確度：±1.0%F.S.D, ±1.5%F.S.D
- TEMPERATURE RANGE : -20°C to +200°C
使用溫度範圍：-20°C to +200°C



PC-KM3

PC-FKM8

PE-FKM8

PE-KM5



PE-KM8U

PE-KM6U

PG-FKM3

PG-FKM8



氧氣乙炔瓦斯調整器壓力計 WELDING AND COMPRESSED GAS REGULATOR GAUGE

- DIAMETER : 2.1", 2.5", 2.6"
面 徑 : 55、63、68(mm)
- PRESSURE RANGE : -76cmHg~0~350kg/cm²
壓力範圍 : -30inHg~0~5000psi
- CASING & BEZEL : Steel, chrome plating, or brass polished finish
殼、框：鍍鉻鐵殼或表面處理拋光銅殼
- BOURDON TUBE : Brass or Phosphor bronze
巴登管：黃銅或磷青銅
- CONNECTION : 1/8", 1/4", NPT, BSPT
牙 口：1/8", 1/4", NPT, BSPT
- ACCURACY : ±1.5%F.S.D
精確度：±1.5%F.S.D
- TEMPERATURE RANGE : -20°C to +60°C
使用溫度範圍：-20°C to +60°C



QC-M3



阿摩尼亞壓力計 AMMONIA REFRIGERANT GAUGE

- DIAMETER : 2.5", 3", 3.5", 4"
面 徑 : 63、75、80、100(mm)
- PRESSURE RANGE : -76cmHg~10kg/cm², 20kg/cm²
壓力範圍 : -30inHg~150psi、300psi
- CASING & BEZEL : Steel, black or gray painted. SUS 304#
殼、框：鐵，灰色防銹塗裝或SUS (304#)。
- BOURDON TUBE : 316L stainless steel, soft soldered, Argon solder.
巴登管：316L不銹鋼，錫焊或氬焊。
- FILLING : 99.5% Glycerin or 1000# silicone oil
填充油：99.5% 植物性甘油或矽油
- CONNECTION : Steel or stainless steel, 1/4", 3/8" NPT/BSPT。
牙 口：不銹鋼或鐵，1/4", 3/8" NPT/BSPT為標準外牙設計。
- ACCURACY : ±1.5%F.S.D
精確度：±1.5%F.S.D
- TEMPERATURE RANGE : -20°C to +200°C
使用溫度範圍：-20°C to +200°C



WC-F



全不銹鋼微壓壓力計、真空計

STAINLESS STEEL MICRO PRESSURE GAUGES, VACUUM GAUGES

- DIAMETER : 4"
面 徑 : 100mm
- PRESSURE RANGE : -200mmH₂O vac~6000mmH₂O(mbar)
壓力範圍 : -200mmH₂O vac~6000mmH₂O(mbar)
- CASING & BEZEL : SUS304
殼、框 : 不銹鋼304
- BOURDON TUBE : 316L stainless steel
巴登管 : 316L不銹鋼
- CONNECTION : 1/2NPT、PF
牙 口 : 1/2NPT、PF
- ACCURACY : ±1.0%F.S.D
精確度 : ±1.0%F.S.D
- TEMPERATURE RANGE : -20℃ to +200℃
使用溫度範圍 : -20℃ to +200℃



BC



微壓壓力計、真空計

MICRO PRESSURE GAUGES, VACUUM GAUGES

- DIAMETER : 2.5"、3"、4"
面 徑 : 63、75、100mm
- PRESSURE RANGE : -200mmAq vac~5000mmAq(mmH₂O)
壓力範圍 : -200mmAq vac~5000mmAq(mmH₂O)
- CASING & BEZEL : Steel, black corrosion resistant
Black paint, or chrome plating(Polished finish)
殼、框 : 鐵，黑色防銹塗裝或鐵，鍍鉻。
- BOURDON TUBE : Brass or Phosphor bronze
巴登管 : 黃銅或磷青銅
- CONNECTION : 1/4"、3/8"、1/2" NPT/BSPT/BSPP
牙 口 : 1/4"、3/8"、1/2" NPT/BSPT/BSPP。
- ACCURACY : ±1.5%F.S.D
精確度 : ±1.5%F.S.D
- TEMPERATURE RANGE : -20℃ to +60℃
使用溫度範圍 : -20℃ to +60℃



HC-M5



HC-FM5



HE-M8

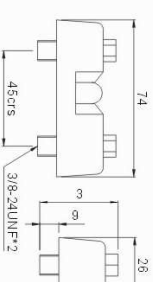


差壓計、差壓指示計

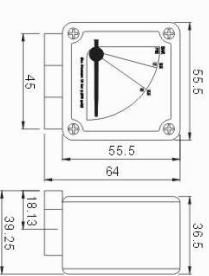
DIFFERENTIAL GAUGE, DIFFERENTIAL INDICATOR SWITCH



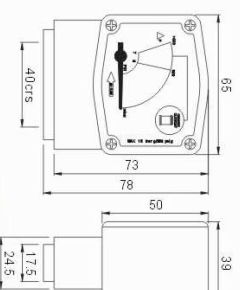
SPP-175



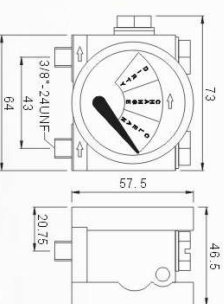
SPP-973



SPP974



SPP975



SPP-175

利用簡易的滑動指示機構，當指示綠色區域時表示濾心無污染，紅色區域時表示需要更換濾心，且正反面皆可觀測。

Simple sliding indicator shows green for clean and red to indicate dirty filter element. Can be seen easily from both sides.

顏色 COLOR	表示 INDICATES	降壓 PRESSURE	壓差 DROP
綠色	CLEAN/乾淨	0-6	PSI
紅色	DIRTY/污染	9-12	PSI

SPP973.974.975

利用3個醒目的指示區域，提供精確的壓降測定，讓設備的保養更有效率。

Allows exact determination of pressure drop across element. Divided into three sections. Each marked for easy understanding. The pressure gauge is the best tool available for determining element maintenance requirements.

顏色 COLOR	表示 INDICATES	降壓 PRESSURE	壓差 DROP
綠色	CLEAN/乾淨	0-6	PSI
黃色	CHANGE/更換	6-9	PSI
紅色	DIRTY/污染	9-12	PSI



壓力計附屬元件 ACCESSORIES

一. SNUBBER 壓力緩沖器



二. BRASS OR NEEDLE VALVE 銅、SUS針閥



三. SIPHON 曲管(虹吸管)



四. ALARM 警報式接點



五. SUS304 CONNECTOR 不銹鋼管用直接頭



六. U-brackets 固定金具



現有壓力計面板、單位刻痕 STANDARD GRADUATION

(bar)	(psi)	(bar)	(psi)	(kpa)	(kg/cm ²)	(psi)	(kg/cm ²)	(psi)	(kg/cm ²)	(mpa)	(kg/cm ²)	(mpa)
0-0.35	0-5	0-35	0-500		0-0.35	0-5	0-35	0-500	0-0.35	0-0.035	0-35	0-3.5
0-0.7	0-10	0-40	0-600		0-0.5	0-7	0-40	0-600	0-0.7	0-0.07	0-40	0-4
0-1	0-15	0-50	0-700		0-0.7	0-10	0-50	0-700	0-1	0-0.1	0-50	0-5
0-2	0-30	0-60	0-800		0-1	0-15	0-60	0-800	0-2	0-0.2	0-60	0-6
0-2.5	0-35	0-70	0-1000		0-2	0-30	0-70	0-1000	0-3	0-0.3	0-70	0-7
0-3.5	0-50	0-100	0-1500		0-2.5	0-35	0-100	0-1500	0-4	0-0.4	0-100	0-10
0-4	0-60	0-150	0-2000		0-3	0-40	0-150	0-2000	0-5	0-0.5	0-150	0-15
0-5	0-70	0-200	0-3000		0-3.5	0-50	0-200	0-3000	0-6	0-0.6	0-200	0-20
0-6	0-80	0-250	0-3500	× 1000kpa	0-4	0-60	0-250	0-3500	0-7	0-0.7	0-250	0-25
0-7	0-100	0-300	0-4000		0-5	0-70	0-300	0-4000	0-10	0-1	0-300	0-30
0-10	0-150	0-350	0-5000		0-6	0-80	0-350	0-5000	0-15	0-1.5	0-350	0-35
0-15	0-200	0-400	0-6000		0-7	0-100	0-400	0-6000	0-18	0-1.8	0-400	0-40
0-18	0-250	0-500	0-7000		0-10	0-150	0-500	0-7000	0-20	0-2	0-500	0-50
0-20	0-300	0-600	0-8000		0-15	0-200	0-600	0-8000	0-25	0-2.5	0-600	0-60
0-25	0-350	0-700	0-10000		0-18	0-250	0-700	0-10000	0-30	0-3	0-700	0-70
0-30	0-400	0-1000	0-15000		0-20	0-300	0-1000	0-15000			0-1000	0-100
		0-1	0-30		0-25	0-350	0-76	0-30			0-100	0-10
		(bar)	(in Hg)		0-30	0-400	(cm Hg)	(in Hg)			(kpa)	(mpa)



壓力比較表 PRESSURE CONVERSION TABLE

Kgf/cm ²	Mpa	bar	kpa	mbar	psi	MmHg	Torr	mmHg	atm
1	0.0980665	0.980665	98.0665	980.665	14.2231	10,000.00	735.294	0.96749	
10.1972	1	10	1,000.00	10,000.00	145.036	101971.6	7500.60	9.8692	
1.01972	0.1	1	100	1,000.00	14.5036	10197.16	750.062	0.98692	
0.010197	0.001	0.01	1	10	0.145	101.9716	7.50062	0.009869	
0.0010197	0.0001	0.001	0.1	1	0.0145	10.19716	0.750062	0.0009869	
0.07031	0.006895	0.06895	6.895	68.95	1	703.08	51.7157	0.06805	
0.0001	0.0000098	0.000098	0.0009806	0.098	0.001423	1	0.073529	0.0000967	
0.0013595	0.0001332	0.001332	0.1332	1.3321	0.0193364	13.5951	1	0.0013157	
1.033228	0.101325	1.0232506	101.325	1013.2506	14.69574	10332.28	760.00	1	



安裝須知 INSTALLATION

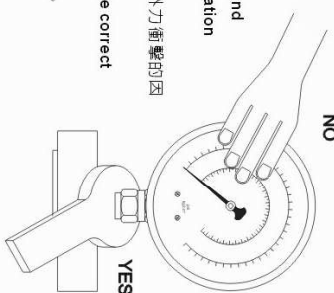
- Do not tighten by grasping the case of the gauge as this may cause damage.
鎖緊壓力錶時，請勿緊握外殼表面以免損壞。

1. Before installing a pressure gauge, consideration should be given to temperature, humidity, vibration, pulsation, shock and other climatic and ambient conditions of the service application, and to the possible need for protective attachments and / or special installation requirements.

裝置壓力錶時，請務必考慮到四周環境溫度、溼度、震動、脈動以及外力衝擊的因素。必要時必須有保護性的附加條件或特殊的安裝需求。

2. The user shall ensure that the correct gauge has been selected with the correct range and construction.

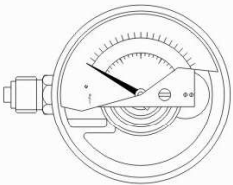
安裝者須確保正確的壓力錶，需配合選擇正確的壓力範圍及裝置型式。



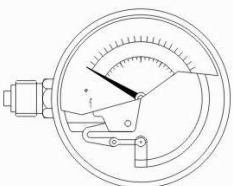
壓力因素 PRESSURE ELEMENTS

- For most process conditions good measurement of pressure is possible by using the right internal system.

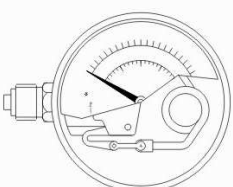
大部分的壓力再進行良好的測量時，需藉由正確的內部系統。



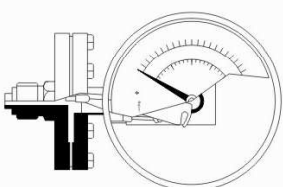
Capsule system
膜片式系統
range: -500/0~500mbar



"C" shaped Bourdon tube system
C型管系統
range: -1/0~60kg/cm²



Helical Bourdon tube system
高壓巴登管系統
range: 0/7.0~1000kg/cm²



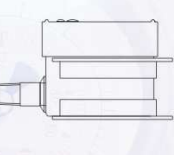
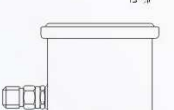
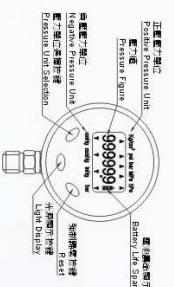
Diaphragm system
隔膜式系統
range: -1/0~400kg/cm²



Worldwide patent pending!! Digital Pressure Gauge !!

Traditional machinery bourdon tube structure was used, and collocates with mechanical movement transforming to digital information parts and program. Such structure as regards to traditional capsule structure pressure transformer has lower margin cost. Therefore, this product not only possesses digital display function, and has possessed traditional machinery pressure gauge advantages. Special shock absorber & waterproof structure (IP65) has increase users stability & application range. It is thus clear that the new generation digital pressure gauge can replace all traditional machinery pressure gauges.

AGENT NEEDED



DIA/METER	2.5" ~ 4"	BOURDON TUBE	Brass, Bronze or SUS316
PRESSURE RANGE	-76cmHg-0~1600kg/cm ²	ACCURACY	±1% F.S.D
POWER	AC: 85~265V, 50~60Hz DC: 10~30V	TEMPERATURE USED	-20°C~+60°C or -20°C~+200°C
CASING, BEZEL	SUS304 or ABS	CONNECTION	1/8"~1/2" PT., PF., PS., NPT and BSP 7/16-20UNF