



T/C Cable Kit (Option)



산업 현장에 설치된 전송기류, Control Valve 류, 압력, 유량 레벨 및 온도 센서류 등 현장계기류 및 제어실의 각종 시스템, 패널계기류 입, 출력등을 검정할때 손쉽게 이용할 수 있는 다기능 (Multifunction) 휴대형 캘리브레이터로서 mA, Voltage, Frequency, T/C, RTD, Thermistor 는 물론 **Pressure 까지 (Option Module)** 검, 교정할 수 있으며, **Dual Display**, 고정확도 및 간편한 사용법 등의 특징을 갖고 있습니다.

APM (0.05%FS) 또는 APM-H (0.01%FS) 압력모듈을 옵션으로 추가하면, 현장에서 Dead weighter 나, Pressure Calibrator 없이도 정밀한 압력 검, 교정을 행할 수 있습니다. 만약 **CTC 계열의 Dryblock Calibrator** 를 사용하고 있다면, JofraCal S/W 및 ASC300 장비를 연동하여 전자동으로 온도 검, 교정작업을 수행할 수 있습니다.

- ▶ 고 정도 (0.015%) 및 고 분해능
- ▶ 13 T/C, 14 RTD, YSI 400 Thermistor
- ▶ 250Vac Protection
- ▶ Dual Display
- ▶ Backlit , RS 232C I/F
- ▶ 압력 모듈 (Option)

사 양

입력 : 압력 : 0~10"W to 10,000Psi (refer to following table)
T/C : J, K, T, E, R, S, N, B, L, U, XK, BP-10~75mV
RTD : Pt385 (10, 25, 50, 100, 200, 500, 1000 옴)
Pt392, JIS, Ni120, Cu10,50,100, YSI 400
Ohm : 0 ~ 400.00, 400.0 ~ 4000.0 옴
mA : 0 ~ 24.000 mA (Up to 1000 Ohm Load)
Volt : 0~30.000Vdc(Read)
Freq : 2.0 ~1000.0 CPM/ Hz, 1.0 ~10.0KHz
Loop Power : 24Vdc

출력 : T/C : J, K, T, E, R, S, N, B, L, U, XK, BP-10~75mV
RTD : Pt385 (10, 25, 50, 100, 200, 500, 1000 옴)
Pt392, JIS, Ni120, Cu10,50,100, YSI400
Ohm : 0 ~ 400.00, 400.0 ~ 4000.0 옴
mA : 0 ~ 24.000 mA (Up to 1000 Ohm Load)
Volt : 0 ~ 20.000V
Freq : 2.0 ~1000.0 CPM/Hz, 1.0 ~10.0KHz

정확도 : T/C : refer to specification up to 0.04 도씨
RTD : refer to specification
Ohm : ±0.025 rdg
압력: ±0.05% or 0.01%
mA/Volt : ±0.015% Rdg

RTD Freq: ≤50 mS Pulsed XMTR's

주변 온도: -10 ~ 50 도씨

루프전원 : AA 배터리 4 개

크기 : 235 x 53 x 95mm LHW, 510 그램

- 약세사리 : 테스트 리드
휴대 가방
Operating Instructions
Manufacturer's NIST Certificate
4 AA Batteries
- Option : Rechargeable Battery Pack
Pressure Module
T/C Lead Kit



JOFRA APM-S pressure modules

Range	Type	psi	bar	Pressure port ^{*2}	Reference port ^{*2}	Reference accuracy ^{*3}	12 month accuracy ^{*4}	Part number
10 inH ₂ O ^{*1}	Gauge	0.3612	0.0249	DRY	DRY	0.20%	0.30%	APM010WGSG
1 psi ^{*1}	Gauge	1.0000	0.0689	DRY	DRY	0.15%	0.30%	APM001PNSG
5 psi ^{*1}	Gauge	5.0000	0.3447	DRY	DRY	0.05%	0.10%	APM005PNSG
15 psi ^{*1}	Gauge	15.000	1.0342	DRY	N/A	0.025%	0.05%	APM015PNSG
1 psi	Gauge	1.0000	0.0689	316L SS	DRY	0.075%	0.15%	APM001PGSG
5 psi	Gauge	5.0000	0.3449	316L SS	DRY	0.025%	0.05%	APM005PGSG
15 psi	Gauge	15.000	1.0342	316L SS	N/A	0.025%	0.05%	APM015PGSG
30 psi	Gauge	30.000	2.0684	316L SS	N/A	0.025%	0.05%	APM030PGSG
100 psi	Gauge	100.00	6.8948	316L SS	N/A	0.025%	0.05%	APM100PGSG
200 psi	Gauge	200.00	13.790	316L SS	N/A	0.025%	0.05%	APM200PGSG
300 psi	Gauge	300.00	20.684	316L SS	N/A	0.025%	0.05%	APM300PGSG
500 psi	Gauge	500.00	34.486	316L SS	N/A	0.025%	0.05%	APM500PGSG
1000 psi	Gauge	1000.0	68.948	316L SS	N/A	0.025%	0.05%	APM01KPGSG
2000 psi	Gauge	2000.0	137.90	316L SS	N/A	0.025%	0.05%	APM02KPGSG
3000 psi	Gauge	3000.0	206.84	316L SS	N/A	0.025%	0.05%	APM03KPGSG
5000 psi	Gauge	5000.0	344.76	316L SS	N/A	0.025%	0.05%	APM05KPGSG
10000 psi	Gauge	10000	689.48	316L SS	N/A	0.025%	0.05%	APM10KPGSG
7 kPa	Gauge	1.0152	0.0700	316L SS	DRY	0.10%	0.20%	APM007KSG
35 kPa	Gauge	5.0761	0.3500	316L SS	DRY	0.035%	0.07%	APM035KSG
70 kPa	Gauge	10.152	0.7000	316L SS	N/A	0.035%	0.07%	APM070KSG
200 kPa	Gauge	29.006	2.0000	316L SS	N/A	0.025%	0.05%	APM200KSG
350 kPa	Gauge	50.761	3.5000	316L SS	N/A	0.025%	0.05%	APM350KSG
10 bar	Gauge	145.03	10.000	316L SS	N/A	0.025%	0.05%	APM010BGS
21 bar	Gauge	304.56	21.000	316L SS	N/A	0.025%	0.05%	APM021BGS
60 bar	Gauge	870.18	60.000	316L SS	N/A	0.025%	0.05%	APM060BGS
160 bar	Gauge	2320.5	160.00	316L SS	N/A	0.025%	0.05%	APM160BGS
200 bar	Gauge	2900.6	200.00	316L SS	N/A	0.025%	0.05%	APM200BGS
400 bar	Gauge	5801.2	400.00	316L SS	N/A	0.025%	0.05%	APM400BGS
700 bar	Gauge	10152	700.00	316L SS	N/A	0.025%	0.05%	APM700BGS
5 psi	Differential	5.0000	0.3449	316L SS	DRY	0.035%	0.07%	APM005PDSG
100 psi	Differential	100.00	6.8948	316L SS	DRY	0.025%	0.05%	APM100PDSG
5 psi	Absolute	5.0000	0.3448	316L SS	N/A	0.035%	0.07%	APM005PASG
15 psi	Absolute	15.000	1.0342	316L SS	N/A	0.025%	0.05%	APM015PASG
30 psi	Absolute	30.000	2.0684	316L SS	N/A	0.025%	0.05%	APM030PASG
7 bar	Absolute	101.52	7.0000	316L SS	N/A	0.025%	0.05%	APM007BASG
±15 psi	Combination	±15.000	±1.0342	316L SS	N/A	0.035%	0.07%	APM015PCSG
-15/200 psi	Combination	-015.00 +200.00	-1.0342 +13.790	316L SS	N/A	0.025%	0.05%	APM200PCSG
-29 inHg	Vacuum	-14.243	-1.0342	316L SS	DRY	0.035%	0.07%	APM029HVSG

JOFRA APM-H pressure modules

Range	Type	psi ^{*6}	bar ^{*6}	Pressure port ^{*2}	Reference port ^{*2}	6 month Accuracy ^{*5}	Part number
15 psi	Gauge	15.0000	1.03427	DRY	DRY	0.010%	APM015PGHG
50 psi	Gauge	50.0000	3.44756	DRY	DRY	0.010%	APM050PGHG
100 psi	Gauge	100.0000	6.89512	DRY	DRY	0.010%	APM100PGHG
500 psi	Gauge	500.000	34.4756	DRY	DRY	0.010%	APM500PGHG
1000 psi	Gauge	1000.00	68.9513	DRY	DRY	0.010%	APM01KPGHG
15 psi	Absolute	15.0000	1.03427	DRY	N/A	0.010%	APM015PAHG
50 psi	Absolute	50.0000	3.44756	DRY	N/A	0.010%	APM050PAHG
100 psi	Absolute	100.000	6.89512	DRY	N/A	0.010%	APM100PAHG
500 psi	Absolute	500.000	34.4756	DRY	N/A	0.010%	APM500PAHG
1000 psi	Absolute	1000.00	68.9513	DRY	N/A	0.010%	APM01KPAHG
3000 psi	Absolute	3000.00	206.854	DRY	N/A	0.010%	APM03KPAHG