

Pressure Module (PM)

ACCURACY

kg/cm² (Gauge Pressure)

3, 10, and 30 kg/cm² modules

0 to 30% of Range: **± (0.0075% of Full Scale)**

30 to 110% of Range: ± (0.025% of Reading)

Vacuum: ± (0.06% of Full Scale*)

* Full Scale = -1.0 kg/cm²

100, 300, 700, and 1000 kg/cm² modules

0 to 30% of Range: ± (0.015% of Full Scale)

30 to 110% of Range: ± (0.05% of Reading)

Includes all effects of linearity, hysteresis, repeatability, temperature, and stability for one year.

All models indicate vacuum, but vacuum specification applies to 3, 10, and 30 kg/cm² models only.

Not recommended for continuous use at high vacuum.

Refer to XP2i-DP data sheet for gauges that are intended for continuous high vacuum use.

kg/cm²A (Pressure with BARO module)

3 kg/cm² module

0.0141 to 1.0000 kg/cm²A: ± 0.0008 kg/cm²A 1.0000 to 4.0000 kg/cm²A: ± (0.025% of Reading)

+ 0.0003 kg/cm²A

10 kg/cm² module

0.0141 to 1.0000 kg/cm²A: ± 0.0008 kg/cm²A

1.0000 to 4.0000 kg/cm²A: ± 0.0010 kg/cm²A

4.0000 to 11.0000 kg/cm²A: ± (0.025% of Reading)

30 kg/cm² module

0.014 to 1.000 kg/cm²A: **±0.001 kg/cm²A** 1.000 to 10.000 kg/cm²A: **±0.003 kg/cm²A**

10.000 to 31.000 kg/cm²A: \pm (0.025% of Reading)

100 kg/cm² module

1.000 to 31.000 kg/cm²A: **± 0.015 kg/cm²A**31.000 to 101.000 kg/cm²A: **± (0.05% of Reading)**

300 kg/cm² module

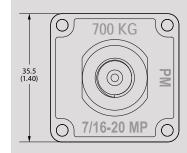
1.00 to 91.00 kg/cm²A: ± 0.05 kg/cm²A 91.00 to 301.00 kg/cm²A: ± (0.05% of Reading)

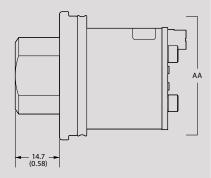
700 kg/cm² module

1.00 to 211.00 kg/cm²A: **± 0.11 kg/cm²A**211.00 to 701.00 kg/cm²A: **± (0.05% of Reading)**

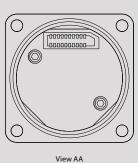
1000 kg/cm² module

1.00 to 301.00 kg/cm²A: ± 0.15 kg/cm²A
301.00 to 1001.00 kg/cm²A: ± (0.05% of Reading)









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DIFFERENTIAL PRESSURE MEASUREMENT UNCERTAINTIES WITH TARE

The Tare function can improve measurement uncertainties on two modules with the same full scale pressure range installed into one nVision Reference Recorder. Requires the use of an equalizing valve.

The following specifications apply to the measurement system with a logging interval of 1 second/reading:

Full Scale Range of Both Sensors	The Greater of (+/-)								
kg/cm²	mbar	psi	inH₂O	mmH₂O		% of DP Reading			
3	0.04	0.0005	0.014	0.4	or	0.025%			
10	0.10	0.0015	0.04	1.0	or	0.025%			
30	0.4	0.005	0.14	4.0	or	0.025%			
100	1.0	0.02	0.4	10.0	or	0.05%			
300	4.0	0.05	1.4	n/a	or	0.05%			
700	10.0	0.2	4.0	n/a	or	0.05%			
1000	15.0	0.3	6.0	n/a	or	0.05%			

Unit must be enabled in CrystalControl

DIFFERENTIAL PRESSURE MEASUREMENT UNCERTAINTIES WITHOUT TARE

The total nVision Reference Calibrator measurement uncertainty in the ΔP mode configuration will need to consider the uncertainties of both pressure modules. We recommend the module uncertainties to be combined with the preferred square root of the sum of the squares (or "root sum squares") method.

The following table lists the possible combinations of using Pressure Modules (PM) with different accuracy statements. The uncertainties reported below are without the use of the Tare feature, which will greatly improve your measurement uncertainty.

		Upper Pressure Module Uncertainties (of Static Line Pressure) (of Reading)			
		0.025%	0.05%		
Lower Pressure Module Uncertainties	0.025%	0.035%	0.056%		
(of Static Line Pressure) (of Reading)	0.05%	0.056%	0.071%		

SENSOR

Wetted Materials: (WRENCH TIGHT) 316 stainless steel

(FINGER TIGHT) 316 stainless steel

and Viton® (internal o-ring)

Diaphragm Seal Fluid: Silicone Oil

Connection: Crystal CPF Female

All welded, with a permanently filled diaphragm seal.

Metal to metal cone seal; O-ring can be removed if necessary.

1/4" medium pressure tube system compatible with HIP LM4 and LF4 Series, Autoclave Engr SF250CX Male and Female Series.

CPF Adapters to NPT, BSP, and M20 available.

BAROMETRIC REFERENCE (BARO)

Accuracy: ± 0.5 mbar, ± 0.00725 psi

Range: 700.0 to 1100.0 mbarA,

10.153 to 15.954 psiA

Pressure Connection: Cylindrical sensor fitting of 5.8mm

OD. A flexible 4.8 mm [3/16"] ID tube is recommended to connect

for calibration.

Mounting: Secured using a 3/8" 4-40 plastic screw.

Includes all effects of linearity, hysteresis, repeatability, temperature, and stability for one year.

Exposure to environmental extremes of temperature, shock, and/or vibration may warrant a more frequent recertification period.

Other units available depending on the installed modules.

Plastic non-conductive screw must be used to comply with hazardous location requirements.



U.S. Patent No. 8,794,677



Current, Voltage, & Switch Test Module (MA20)

Intended for use with a 4-20mA loop measurement. This module is also capable of measuring supply voltages and has an auxiliary fixed output for use in switch open/closure testing. Each MA20 module includes a super flexible silicone test lead kit (P/N 3952).

CURRENT & VOLTAGE MEASUREMENT

Current (mA) Input

Accuracy: \pm (0.015% of rdg + 0.002 mA)

Range: 0 to 55 mA (MA20)

Max Allowable Current: 93.3 mA

Resolution: **0.001 mA or 0.01%**

Units: **mA, % 4-20, % 10-50**

Input Resistance: $< 17.2 \Omega$

Voltage Burden @ 20mA: < 0.35 V

Voltage Burden @ 50mA: < 0.86 V

HART Resistance: **250** Ω

Connection: 2mm jacks

Includes all effects of linearity, hysteresis, repeatability, temperature, and stability for one year.

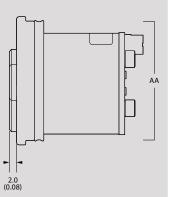
For hazardous location product warnings, refer to the operation manual.

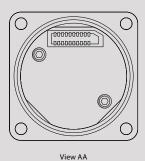
Inputs protected by a resettable fuse.

mA can be displayed as a percentage, where 0 to 100% corresponds to either 4 to 20 mA or 10 to 50 mA.

Jacks are compatible with safety sheathed banana plugs.







Voltage (VDC) Input

Accuracy: \pm (0.015 % of rdg + 0.002 VDC)

Range: 0 to 28 VDC

Max Allowable Voltage: **30 VDC**

Resolution: 0.001 VDC

Units: **VDC**

Includes all effects of linearity, hysteresis, repeatability,

temperature, and stability for one year.

Switch Test

Switch Type: **Dry Contact**

Closed State Resistance: $< 10 \Omega$

Open State Resistance: > 10 $M\Omega$

Switch state change indicated by bright green LED flash.

Switch test screen reports switch open, close, and

deadband values.



ECEX ATEX and IECEx Scheme Entity Parameters

The MA20 Module has these specific input entity parameters:

Ui = 28 V $U_0 = 6.6 \text{ V}$ li = 93.3 mAlo = 4.45 mAPi = 653.3 mW Po = 7.34 mWCi = 0.36 uFCo = 0.5 uF*Li = 39.1 uH Lo = 12 uH**

- * Dependent on the supply to the terminals but shall not be greater than 0.5 uF
- ** Total cable inductance between all modules

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nVision Reference Recorder kg/cm²

Temperature Module (RTD100)

Calibrated for Pt100 RTD/PRT (100 Ohms at 0°C Platinum Resistance Temperature Detector) sensors conforming to DIN/ IEC 60751 (or IEC751) with US, Euro, or Lab calibration curves. An RTD is not included, but each RTD100 includes P/N 3953 RTD Connection Kit.

Includes all effects of linearity, hysteresis,

one year.

repeatability, temperature, and stability for

TEMPERATURE MEASUREMENT

Resistance Input

Accuracy: \pm (0.015% of rdg + 0.02 Ω)

Range: 0 – 400 Ohms range for use with 100 Ohm PRTs

Resolution: 0.01 on all scales

Units: ${}^{\circ}C$, K, ${}^{\circ}F$, R, Ω

TCRs: $0.003850 \Omega/\Omega/^{\circ}C$ (IEC 60751), $0.003911 \Omega/\Omega/^{\circ}C$

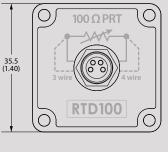
(US Industrial Std), $0.003926 \Omega/\Omega/^{\circ}C$

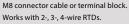
Wiring: 2-, 3-, 4-wire support

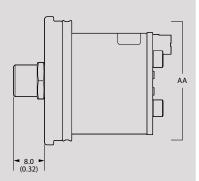
Connection: M8 connector cable or terminal block

The proper selection of the RTD sensing element is very important as the error associated with this device is the majority of the overall system measurement uncertainty. IEC 751 is the standard that defines the temperature versus resistance for 100Ω , $0.00385 \Omega/\Omega/^{\circ}$ C platinum RTDs. IEC 751 defines two classes of RTDs: Class A and B. Class A RTDs operate over the -200 to 630°C range versus -200 to 800°C for the Class B elements. For example, the Class A uncertainty is about half that of the Class B elements as illustrated in the following table.

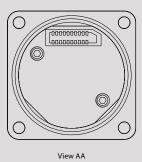
				Cla	ss A			Cla	ss B	
Temperature °C	nVision Uncertainty		Class A Uncertainty		nVision + Class A Uncertainty		Class B Uncertainty		nVision + Class B Uncertainty	
C	±Ω	±°С	±Ω	±℃	±Ω	±°C	±Ω	±°C	±Ω	±°C
-200	0.02	0.05	0.24	0.55	0.24	0.55	0.56	1.30	0.56	1.30
0	0.04	0.09	0.06	0.15	0.07	0.17	0.12	0.30	0.12	0.31
200	0.05	0.13	0.2	0.55	0.21	0.56	0.48	1.30	0.48	1.31
400	0.06	0.17	0.33	0.95	0.33	0.96	0.79	2.30	0.79	2.31
600	0.07	0.21	0.43	1.35	0.44	1.37	1.06	3.30	1.06	3.31
800	0.08	0.25	0.52	1.75	0.53	1.77	1.28	4.30	1.28	4.31













ECEX ATEX and IECEx Scheme Entity Parameters

The RTD100 Module has these specific input entity parameters:

Ui = 0V $U_0 = 9.73 \text{ V}$ Ii = 0 Alo = 1.6642 APi = 0 WPo = 1.1 W

Co = 0.5 uFLo = 12 uH*

* Total cable inductance between all modules

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nVision Chassis (NV)

OPERATING TEMPERATURE

Temperature Range: -20 to 50° C (-4 to 122° F) < 95% RH, non-condensing. No change in accuracy over

operating temperature range. Gauge must be zeroed to achieve rated specification.

Applies to all modules.

DISPLAY

Screen: **255 x 160 pixel graphical display**

LCD readable in sunlight with bright backlight.

Display Rate: 4 readings/second (standard)

up to 10 readings/second (recording)

POWER

The nVision is Intrinsically Safe only if powered by one of the following battery types.

ATEX/IECEx:

Approved Battery Type	Ta=	Marking	
Rayovac Max Plus 815	-20 to 50° C	Ex ia IIB T4 Ga	
Duracell MN1500	-20 to 45° C	EX IA IIB 14 Ga	
Energizer E91, EN91	20 +- 50%	Fx ia IIB T3 Ga	
Duracell MN1500	-20 to 50° C	EX IA IIB 13 Ga	

CSA:	Approved Battery Type	Ta=	Marking		
	Rayovac Max Plus 815	-20 to 50° C	Class I, Division 1, Grp C, D T4		
	Duracell MN1500	-20 to 45° C	Class I, Division 1, Grp C, D 14		
	Energizer E91		Class I, Division 1, Grp C, D T3B		
	Energizer EN91	-20 to 50° C	Class I, Division 1, Grp C, D T3A		
	Duracell MN1500		Class I, Division 1, Grp C, D T3C		

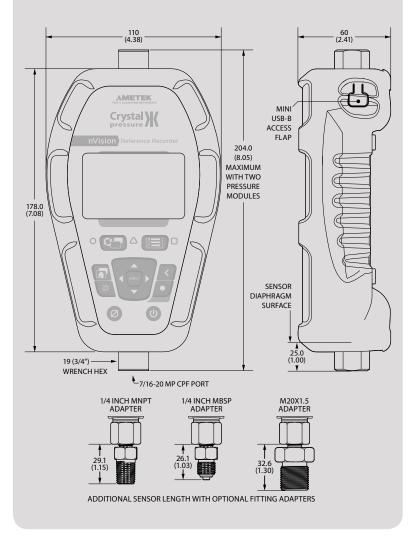
 $4 \times AA$: 200 hours, typical

Ultra Low Power: Up to 60 days, typical*

*2 installed modules, 1 reading per 5 minute recording interval, and 23°C ambient temperature.

Uses 4 alkaline AA (LR6) batteries. Use of backlight reduces operating time.

For hazardous location product warnings, refer to the operation manual.







DATA/COMMUNICATION

Digital Interface: mini-USB The mini USB will power the nVision with or without the battery

pack installed.

For hazardous location product warnings, refer to the

operation manual.

DATALOGGING

Capacity: **Approx. 1,000,000 data points*** *Single Module Recording

Storage Type: Non-volatile flash memory Limit of 64 individual recordings.

Fastest Interval: **10 per second**The included CrystalControl software is compatible with Vista (SP 2), Windows 7 (SP 1), Windows 8.1 and Windows 10.

Slowest Interval: 1 per hour

Produces csv, xls, pdf, or signed pdf files, and uses Excel template files (samples included) to automatically format and graph data.

ENCLOSURE

Weight: **680 g (24.0 oz)**Weight includes one pressure module, one RTD module, 4AA

Rating: **IP67** *battery module, and protective boot.*

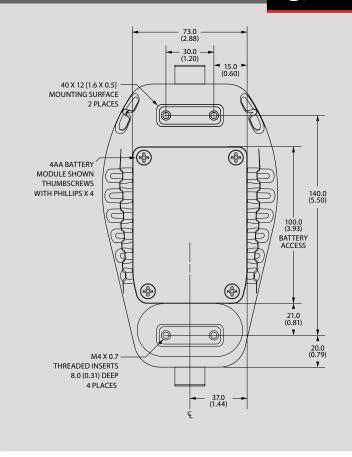
Housing: **Impact resistant injection molded**Submersible to 1 m for 30 minutes [IEC 60529].

LCD protected from impact damage by 1.5 mm (0.06") thick Keypad and Labels: **UV Resistant Polyester**

pad and Labels: **OV Resistant Polyester**Mounting: **M4 x 0.7 [8 mm (0.31")] deep**Skydrol® compatible.

threaded insert mounting locations
For hazardous location product warnings, refer to the

operation manual.





STORAGE TEMPERATURE

Temperature Range: -40 to 75° C (-40 to 167° F)

Batteries should be removed if stored for more than one month.

SPECIAL FEATURES

The following requires the use of our free CrystalControl software

Averaging Screen: Averages all points in a recording run.

Data Point Counter: Screen for counting the data points logged.

Display Screens: Turn on and rearrange display screens.

Estimated Recording Time: A CrystalControl calculation based on active screens and logging interval.

Live PC Graph: During a recording, graph directly to your PC.

Password Protect: Changes to configuration or userspan calibration factor(s).

Pressure Switch Test: Using a PM and MA20, get deadband and state-change pressure.

Remove: Unwanted pressure units.

Run Tags: Create and enable run tags that will identify logging runs.

Screen Numbers: Number each display screen to make writing procedures around the nVision easier.

Secure Documents: **Download into secure pdf documents for tamper proof records.**

Start-up Screen: Define a 32-character prompt which requires user acknowledgement at startup.

User Defined Unit: Define and display any pressure units not included, or to use the gauge to display force,

level or other pressure related parameters.

CERTIFICATIONS



II 1G Ex ia IIB T4 Ga or T3 **SIRA 09 ATEX 2008X**





Ex ia IIB T4 Ga or T3 IECEx SIR 09.0053X



Exia Intrinsically Safe and Non-incendive for Hazardous Locations: Class I, Division 1, Groups C and D, Temperature Code T4/T3A/TCB/T3C. For hazardous location product warnings, refer to the operation manual.



nVision complies with the Electromagnetic Compatibility and the Pressure Equipment Directives.



nVision complies with the Australian Radiocommunications (Electromagnetic Compatibility) Standard 2008.



nVision is approved for use as a portable test instrument for Marine use and complies with Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Offshore Standards.



RANGE & RESOLUTION TABLE

Display Resolution

			J.50.00,									
PM	Range (kg)	Over- pressure	kg/cm²	bar	mbar	kPa	MPa	psi	in H ₂ O	in Hg	mm Hg	mm H₂O
3KG	3	3.0 x	0.0001	0.0001	0.1	0.01		0.001	0.01	0.001	0.01	1
10KG	10	2.0 x	0.0001	0.0001	0.1	0.01	0.00001	0.001	0.1	0.01	0.1	1
30KG	30	2.0 x	0.001	0.001	1	0.1	0.0001	0.01	0.1	0.01	0.1	
100KG	100	2.0 x	0.001	0.001		0.1	0.0001	0.1		0.1		
300KG	300	1.5 x	0.01	0.01		1	0.001	0.1		0.1		
700KG	700	1.5 x	0.01	0.01		1	0.001	1				
1000KG	1000	1.3 x	0.01	0.01		1	0.001	1				
	3KG 10KG 30KG 100KG 300KG 700KG	3KG 3 10KG 10 30KG 30 100KG 100 300KG 300 700KG 700	Jack 3 3.0 x 10KG 10 2.0 x 30KG 30 2.0 x 100KG 100 2.0 x 300KG 300 1.5 x 700KG 700 1.5 x	PM Range (kg) Overpressure kg/cm² 3 KG 3 3.0 x 0.0001 10KG 10 2.0 x 0.0001 30KG 30 2.0 x 0.001 100KG 100 2.0 x 0.001 300KG 300 1.5 x 0.01 700KG 700 1.5 x 0.01	3KG 3 3.0 x 0.0001 0.0001 10KG 10 2.0 x 0.0001 0.0001 30KG 30 2.0 x 0.001 0.001 100KG 100 2.0 x 0.001 0.001 300KG 300 1.5 x 0.01 0.01 700KG 700 1.5 x 0.01 0.01	PM Range (kg) Overpressure kg/cm² bar mbar 3KG 3 3.0 x 0.0001 0.0001 0.1 10KG 10 2.0 x 0.0001 0.0001 0.1 30KG 30 2.0 x 0.001 0.001 1 100KG 100 2.0 x 0.001 0.001 0.001 300KG 300 1.5 x 0.01 0.01 700KG 700 1.5 x 0.01 0.01	PM Range (kg) Overpressure kg/cm² bar mbar kPa 3KG 3 3.0 x 0.0001 0.0001 0.1 0.01 10KG 10 2.0 x 0.0001 0.0001 0.1 0.01 30KG 30 2.0 x 0.001 0.001 1 0.1 100KG 100 2.0 x 0.001 0.001 0.01 0.1 300KG 300 1.5 x 0.01 0.01 1 1 700KG 700 1.5 x 0.01 0.01 1 1	PM Range (kg) Overpressure kg/cm² bar mbar kPa MPa 3KG 3 3.0 x 0.0001 0.0001 0.1 0.01 10KG 10 2.0 x 0.0001 0.0001 0.1 0.001 0.00001 30KG 30 2.0 x 0.001 0.001 1 0.1 0.0001 100KG 100 2.0 x 0.001 0.001 0.1 0.0001 300KG 300 1.5 x 0.01 0.01 1 0.001 700KG 700 1.5 x 0.01 0.01 1 0.001	PM Range (kg) Overpressure kg/cm² bar mbar kPa MPa psi 3KG 3 3.0 x 0.0001 0.0001 0.01 0.001 0.001 10KG 10 2.0 x 0.0001 0.0001 0.1 0.001 0.0001 30KG 30 2.0 x 0.001 0.001 1 0.1 0.0001 0.01 100KG 100 2.0 x 0.001 0.001 0.1 0.0001 0.1 300KG 300 1.5 x 0.01 0.01 1 0.001 0.1 700KG 700 1.5 x 0.01 0.01 1 0.001 1	PM Range (kg) Overpressure kg/cm² bar mbar kPa MPa psi in H₂O 3 KG 3 3.0 x 0.0001 0.0001 0.01 0.001 0.001 0.01 10 KG 10 2.0 x 0.0001 0.0001 0.1 0.001 0.0001 0.01 30 KG 30 2.0 x 0.001 0.001 1 0.0001 0.01 0.1 100 KG 100 2.0 x 0.001 0.001 0.1 0.0001 0.1 300 KG 300 1.5 x 0.01 0.01 1 0.001 0.1 700 KG 700 1.5 x 0.01 0.01 1 0.001 1	PM Range (kg) Overpressure kg/cm² bar mbar kPa MPa psi in H ₂ O 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001	PM Range (kg) Overpressure kg/cm² bar mbar kPa MPa psi in H ₂ O in Hg mm Hg 3KG 3 3.0 x 0.0001 0.0001 0.01 0.001 0.01 0.001 0.01 0.001 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01

(Add one digit of resolution for differential mode.)

■ORDERING INFORMATION*

Model — Power —	Upper Module	Lower Module	BARO Module	CPF* Fitting Kits	Pump System**	Liquid (Systems C-H) Carrying Case~				
NV 4AA										
Pressure:	PM	PM	No (omit)	No(omit)	No Pump(omit)					
Current, Voltage, and Switch:	MA20	MA20	YesBARO	NPT Kit (4013) N	System A (pneumatic) 0 to 2 kgAXX	Full (omit) Aluminum (omit)				
Temperature:	RTD100	RTD100		BSP Kit (4015) B	System A (pneumatic) 0 to 40 kg	Drained E Waterproof W				
Blank Plate:	BNKPLT	BNKPLT			System B (pneumatic) -0.91 to 2 kg					
ŀ	f ordering an nVision with only or	ne module installed,			System B (pneumatic) -0.91 to 40 kgBHX					
e	enter BNKPLT in the empty mo	dule slot.			System C (oil) 0 to 200 kgCXX					
SAMPLE PART NUMBERS					System C (oil) 0 to 350 kgCHX	All fittings are rated to 700 kg, with the exception of				
NV-4AA- <mark>3KG-300KG-BAR0</mark>	nVision with 3 kg	pressure module	e (upper) and 300 kg	g pressure module	System D (oil) 0 to 350 kgDOX					
	(lower); and a BA				System D (water) 0 to 350 kgDWX					
NV-4AA- RTD100 - 700KG - GWX-W	nVision with RTD	100 temperature	module (upper) and	d 700 kg pressure	System E (oil) 0 to 700 kgEOX ** Refer to the following page for a more det					
	module (lower);	a System G pump	system; and a wate	rproof carrying case.	System F (oil) 0 to 1000 kg	each Pump System.				
					System F (water) 0 to 1000 kgFWV The Waterproof Case is an option for: The Waterproof Case is the only option					
Ordering a Pump System Only				rstem G (oil) 0 to 1000 kgGOX						
Any pump system, carrying case, and	•			•	System G (water) 0 to 1000 kgGWX					
separately from the gauge. Enter NV-	-NUNE followed by	the Pump Syste	m part number an	System H (oil/pneumatic) -0.91 to 40 kg and 0 to 350 kg						

SAMPLE PART NUMBERS

Case option code.

NV-NONE-GWX-W..... System G pump system with a waterproof carrying case.

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^{*}KG versions available in USA direct from factory only.

All pump systems for the nVision include 1/4 NPT and BSP female fittings for the device under test, plus a carrying case with custom insert. For complete details, click on the systems below.

Systems A... AXX (T-960), AHX (T-970)
 Systems B... BXX (T-965), BHX (T-975-CPF)



► Systems C... CXX (T-620), CHX (T-620H-CPF)



▶ Systems D... DOX and DWX (P-018-CPF)



► System E... EOX (P014)



▶ Systems F... FOV and FWV (T-1-CPF)



► Systems G ... GOX and GWX (GaugeCalHP)



► System H... HOX (T-975-CPF and T-620H-CPF)



CPF FITTING KITS

► NPT Kit... -N (4013)
Includes MPF-1/8QTF, MPF-1/4QTF, and MPF-1/2QTF.

► BSP Kit... -B (4015)
Includes MPF-1/8QTFB, MPF-1/4QTFB, MPF-3/8QTFB,
MPF-1/2QTFB.

- nVision Recorder
- CD Manual
- ISO 17025 Accredited Calibration Certificate, NIST Traceable
- Soft Carrying Case P/N 4087
- Protective Boot P/N 3985
- Mini-USB Cable P/N 3951

ACCESSORIES

BARO Calibration Kit P/N 4547

Magnetic Hanging Strap P/N 5177

24 Volt Loop Power Supply P/N 24VDCPS

Waterproof Carrying Case P/N 2888

RTD Terminal Block P/N 3953 (included with RTD100 module)

Test Lead Kit P/N 3952 (included with MA20 Module)

■COMPLEMENTARY PRODUCTS

Crystal Engineering offers a wide range of products that work with the nVision:

- Fittings that connect without tools, safely and without leaks
- Lightweight, super flexible high pressure hoses
- Fitting kits and adapters
- Pneumatic hand pumps
- Hydraulic hand pumps
- Portable pressure comparators
- Software, for the quickest way to calibrate pressure transmitters and gauges

ametekcalibration.com

4794. K nVision kg/cm² Data Sheet
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