

AMETEK[®]
SENSORS, TEST & CALIBRATION



Complete Pressure Systems

Crystal
pressure

JOFRA
calibration

M & G
calibration



■ Ready-to Use Calibration Solutions

Pump Systems Designed for Your Specific Requirements

A METEK offers a variety of solutions for pressure generation and measurement. Our line of products for pressure generation includes everything from small pneumatic hand pumps to a precision, hydraulic pressure comparator capable of generating up to 15 000 psi / 1000 bar / 100 MPa.

All of our pumps may be ordered as part of a Pump System, complete with a Crystal Reference Indicator and delivered in a sturdy carrying case with custom insert.

Key Features & Options
















- ▶ Easy to use fine adjustments.
- ▶ CPF* Fittings and Hoses.
- ▶ Oil or water compatible.
- ▶ Wide pressure ranges.

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



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■ Pump Systems Overview

| Pump System | Part Number | Pressure Range | Pneumatic | Hydraulic | Hand Pump | Bench Top | Included Pump | Case Options | |
|-------------|-------------|---------------------------------------|-----------|-----------|-----------|-----------|--|--------------|---------------------------|
| | | | | | | | | Aluminum | Waterproof (Pelican Case) |
| System A | AXX | 0 to 30psi / 2 bar | ■ | | ■ | |  T-960-CPF | ■ | ■ |
| | AHX | 0 to 580 psi / 40 bar | ■ | | ■ | |  T-970-CPF | ■ | ■ |
| System B | BXX | -25 inHg to 30 psi / -0.85 to 2 bar | ■ | | ■ | |  T-965-CPF | ■ | ■ |
| | BHX | -27 inHg to 580 psi / -0.91 to 40 bar | ■ | | ■ | |  T-975-CPF | ■ | ■ |
| System C | CXX | 0 to 3000 psi / 200 bar | | ■ (Oil) | ■ | |  T-620-CPF | ■ | ■ |
| | CHX | 0 to 5000 psi / 350 bar | | ■ (Oil) | ■ | |  T-620H-CPF | ■ | ■ |
| System D | DOX | 0 to 5000 psi / 350 bar | | ■ (Oil) | | ■ |  P-018-CPF | ■ | |
| | DWX | 0 to 5000 psi / 350 bar | | ■ (Water) | | ■ |  P-014-CPF | ■ | |
| System E | EOX | 0 to 10 000 psi / 700 bar | | ■ (Oil) | | ■ |  T-1-CPF | ■ | |
| System F | FOV | 0 to 15 000 psi / 1000 bar | | ■ (Oil) | | ■ |  GaugeCalHP | ■ | ■ |
| | FWV | 0 to 15 000 psi / 1000 bar | | ■ (Water) | | ■ |  GaugeCalHP | ■ | ■ |
| System G | GOX | 0 to 15 000 psi / 1000 bar | | ■ (Oil) | | ■ |  GaugeCalHP | | ■ |
| | GWX | 0 to 15 000 psi / 1000 bar | | ■ (Water) | | ■ |  GaugeCalHP | | ■ |
| System H | HOX | -27 inHg to 580 psi / -0.91 to 40 bar | ■ | | ■ | |  T-975-CPF | | ■ |
| | | 0 to 5000 psi / 350 bar | | ■ (Oil) | ■ | |  T-620H-CPF | | ■ |

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■ Systems A & B

Pump Overview

T-900 Series pneumatic pressure pumps feature an extended range fine adjust for precise control of pressure. A built-in relief valve and dual pressure output enable safe and simple operation. The T-965 and T-975 are available with a button valve, making them capable of switching easily from pressure to vacuum generation.

Key Features

- ▶ Lightweight, compact design.
- ▶ Two outlet ports.
- ▶ Adjustable stroke.
- ▶ Generates up to 580 psi / 40 bar *and* vacuum.

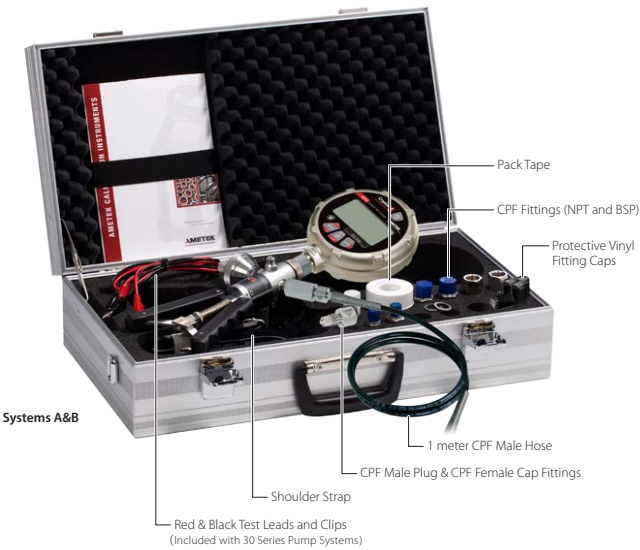
[Learn more here](#) ◀



T-975-CPF pneumatic pump

System Overview

| Pump System | Pressure | Vacuum | Pressure Range | Pump |
|-------------|----------|--------|---------------------------------------|-----------|
| AXX | ■ | | 0 to 30psi / 2 bar | T-960-CPF |
| BXX | ■ | ■ | -25 inHg to 30 psi / -0.85 to 2 bar | T-965-CPF |
| AHX | ■ | | 0 to 580 psi / 40 bar | T-970-CPF |
| BHX | ■ | ■ | -27 inHg to 580 psi / -0.91 to 40 bar | T-975-CPF |



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Parts Included with Pump Systems A and B

| Part Number | Description | System A | | System B | |
|-------------|---|----------|-------|----------|-------|
| | | AXX | AHX | BXX | BHX |
| 5238 | 3/8" BSP Male to CPF Male Fitting | ■ | ■ | ■ | ■ |
| 5252 | 5/16-24 SAE Male to CPF Female Fitting | ■ | ■ | ■ | ■ |
| MPF-1/4FPT | CPF Female to 1/4" NPT Female Fitting | ■ | ■ | ■ | ■ |
| MPF-1/4BSPF | CPF Female to 1/4" BSP Female Fitting | ■ | ■ | ■ | ■ |
| MPF-1/8MPT | 1/8" MPT Fitting (for 30 Series Calibrator) | ■ (2) | ■ (2) | ■ (2) | ■ (2) |
| MPH-1 | 1 meter CPF Male Hose | ■ | ■ | ■ | ■ |
| 60R120 | 1/4" Bonded Seals | ■ (5) | ■ (5) | ■ (5) | ■ (5) |
| 50-REP700 | O-ring and Lock Clip | ■ (5) | ■ (5) | ■ (5) | ■ (5) |
| 1351 | Test Leads; Red & Black, including clips (for 30 Series) | ■ | ■ | ■ | ■ |
| 5249 | Protective Vinyl Cap | ■ (4) | ■ (4) | ■ (4) | ■ (4) |
| 601104 | Pack Tape (1 roll) | ■ | ■ | ■ | ■ |
| 124004 | Shoulder Strap | ■ | ■ | ■ | ■ |
| 124110 | Aluminum Carrying Case (for nVision, HPC40 Series, and 30 Series) | ■ | ■ | ■ | ■ |
| 125254 | Aluminum Carrying Case (for XP2i and m1) | ■ | ■ | ■ | ■ |
| 2888 * | Waterproof Carrying Case (for all gauges) | □ | □ | □ | □ |

Carrying Case Options

Pump Systems A and B are delivered with an Aluminum Carrying Case.

* Alternately, they may be ordered with a Waterproof Carrying Case by entering -W in the pump system ordering code. The Shoulder Strap and the Aluminum Carrying Case will be replaced by the Waterproof Carrying Case.



Ordering a Pump System

Any T-900 Series Pump System may be ordered with or without a reference indicator. The table below provides an explanation of the Pump System ordering scheme when ordering a system without an indicator. For details on ordering the Pump Systems with an indicator, see the indicator datasheet.

| Reference Indicator | Pump System | Carrying Case |
|-------------------------------|---------------------------------|-----------------------|
| nVision NV-NONE | System A (T-960-CPF) . . . -AXX | Aluminum . . . (omit) |
| 30 Series IS30-NONE | System A (T-970-CPF) . . . -AHX | Waterproof . . . -W |
| HPC40 Series . . . HPC40-NONE | System B (T-965-CPF) . . . -BXX | |
| HPC50 Series . . . HPC50-NONE | System B (T-975-CPF) . . . -BHX | |
| XP2i XP2i-NONE | | |
| m1 M1-NONE | | |

► SAMPLE PART NUMBERS

NV-NONE-AXX System A pump system (for nVision) with an aluminum carrying case.

M1-NONE-BXX-W System B pump system (for m1) with a waterproof carrying case.

1KPSIXP2i-AXX-W System A pump system in a waterproof carrying case, with an XP2i gauge (1000 psi).



■ System C

Pump Overview

T-600 Series is a lightweight and portable hydraulic hand pump, specially designed for high pressure applications. A fine adjust allows precise control of pressure, while a vent valve provides quick and positive shut-off and pressure release. The pump is compatible with petroleum-based oils or hydraulic fluids.

Key Features

- ▶ Two outlet ports.
- ▶ Large reservoir.
- ▶ Easy-to-use fine adjust.
- ▶ Generates up to 5000 psi/350 bar.

[Learn more here](#) ◀



T-620H-CPF hydraulic pump

System Overview

| Pump System | Pressure Range | Pump |
|-------------|-------------------------|------------|
| CXX | 0 to 3000 psi / 200 bar | T-620-CPF |
| CHX | 0 to 5000 psi / 350 bar | T-620H-CPF |



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Parts Included with Pump System C

| Part Number | Description | System C | |
|--------------|--|----------|-------|
| | | CXX | CHX |
| MPF-1/4FPT | CPF Female to 1/4" NPT Female Fitting | ■ | ■ |
| MPF-1/4BSPF | CPF Female to 1/4" BSP Female Fitting | ■ | ■ |
| MPF-1/8MPT * | CPF Female to 1/8" NPT Male Fitting | ■ | ■ |
| MPM-PLUG | CPF Male Plug Fitting | ■ | ■ |
| MPF-CAP | CPF Female Cap Fitting | ■ | ■ |
| MPH-1 | 1 meter CPF Male Hose | ■ | ■ |
| 60R120 | 1/4" Bonded Seals | ■ (5) | ■ (5) |
| 1351 | Test Leads; Red & Black, including clips (for 30 Series) | ■ | ■ |
| 5249 | Protective Vinyl Cap | ■ (4) | ■ (4) |
| 60I104 | Pack Tape (1 roll) | ■ | ■ |
| 124004 | Shoulder Strap | ■ | ■ |
| 124299 | Aluminum Carrying Case (for nVision and 30 Series) | ■ | ■ |
| 125255 | Aluminum Carrying Case (for XP2i and m1) | ■ | ■ |
| 2888 ** | Waterproof Carrying Case | □ | □ |

* When a Pump System C is ordered for a 30 Series Calibrator, two (2) additional MPF-1/8MPT fittings are included

Carrying Case Options

Pump Systems C are delivered with an Aluminum Carrying Case. * Alternately, they may be ordered with a Waterproof Carrying Case by entering -W in the pump system ordering code. The Shoulder Strap and the Aluminum Carrying Case will be replaced by the Waterproof Carrying Case.



Ordering a Pump System

Any T-600 Series Pump System may be ordered with or without a reference indicator. The table below provides an explanation of the Pump System ordering scheme when ordering a system without an indicator. For details on ordering the Pump Systems with an indicator, see the indicator datasheet.

| Reference Indicator | Pump System | Carrying Case |
|-----------------------------|--------------------------------|----------------------|
| nVision NV-NONE | System C (T-620-CPF) -CXX | Aluminum (omit) |
| 30 Series..... IS30-NONE | System C (T-620H-CPF)... -CHX | Waterproof -W |
| HPC40 Series ... HPC40-NONE | | |
| HPC50 Series ... HPC50-NONE | | |
| XP2i XP2i-NONE | | |
| m1..... M1-NONE | | |

► SAMPLE PART NUMBERS

NV-NONE-CXX System C pump system (for nVision) with an aluminum carrying case.

M1-NONE-CHX-W System C pump system (for m1) with a waterproof carrying case.

3KPSIXP2i-CXX-W .. System C pump system in a waterproof carrying case, with an XP2i gauge (3000 psi).

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■ System D

Pump Overview

P-018 hydraulic screw pumps produce pressure with superior control. The adjustable reference pressure port lets you set your reference gauge at the best viewing angle.

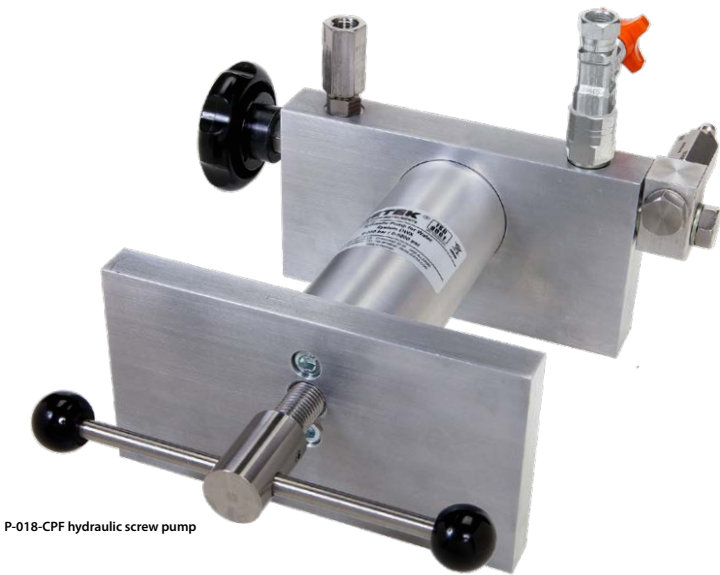
Key Features

- ▶ Generates 5000 psi/350 bar.
- ▶ Easy-to-use fine adjust.
- ▶ Adjustable reference port.
- ▶ Compatible with water or oil.

[Learn more here](#) ◀

System Overview

| Pump System | Pressure Range | Test Media | Media Specifics | Pump |
|-------------|-----------------------|---------------|-----------------|-----------|
| DOX | 0 to 5000 psi/350 bar | Hydraulic Oil | Rando HDZ32 | P-018-CPF |
| DWX | 0 to 5000 psi/350 bar | Water | Distilled Water | P-018-CPF |



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Parts Included with Pump System D

| Part Number | Description | System D |
|-------------|--|-------------|
| | | DOX and DWX |
| MPM-1/4BSPM | CPF Male to Screw Pump Adapter | ■ (2) |
| 5254 | 1/4" BSP Female to 1/4" BSP Female Fitting | ■ |
| MPF-1/4FPT | CPF Female to 1/4" NPT Female Fitting | ■ |
| MPF-1/4BSPF | CPF Female to 1/4" BSP Female Fitting | ■ |
| MPF-1/8MPT | 1/8" MPT Fitting (for 30 Series Calibrator) | ■ (2) |
| MPF-CAP | CPF Female Cap Fitting | ■ |
| SPK-HPC-004 | 1/4" BSP Male to 1/4" BSP Male Banjo Connector | ■ |
| 60R955 | 1/4" Male BSP Plugs | ■ (4) |
| 60R120 | 1/4" Bonded Seals | ■ (5) |
| 60P013 | 1/4" BSP Male Fine Adjust | ■ |
| 1351 | Test Leads; Red & Black, including clips (for 30 Series) | ■ |
| 5249 | Protective Vinyl Cap | ■ (4) |
| 60I104 | Pack Tape (1 roll) | ■ |
| 60R159 | Allen Key | ■ |
| 124004 | Shoulder Strap | ■ |
| 124301 | Aluminum Carrying Case | ■ |

Carrying Case

Pump System D is delivered with an Aluminum Carrying Case.



Ordering a Pump System

Any P-Series Pump System may be ordered with or without a reference indicator. The table below provides an explanation of the Pump System ordering scheme when ordering a system without an indicator. For details on ordering the Pump Systems with an indicator, see the indicator datasheet.

| Reference Indicator | Pump System |
|-----------------------------|-------------------------------|
| nVision NV-NONE | System D (P-018-CPF)-DOX |
| 30 Series..... IS30-NONE | System D (P-018-CPF)-DWX |
| HPC40 Series ... HPC40-NONE | |
| HPC50 Series ... HPC50-NONE | |
| XP2i XP2i-NONE | |
| m1..... M1-NONE | |

► SAMPLE PART NUMBERS

NV-NONE-DOX..... System D pump system (for nVision) for use with oil.

IS30-NONE-DWX.... System D pump system (for 30 Series) for use with water.

5KPSIXP2i-DWX.... System D pump system for use with water, with an XP2i gauge (5000 psi).

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■ System E

Pump Overview

P₀₁₄ hydraulic jack pumps are designed for high pressure oil applications. Its small size and light weight makes it a sensible, rugged and portable pressure generating solution.

Key Features

- ▶ Generates 10 000 psi / 700 bar.
- ▶ Small, and light weight.
- ▶ Easy-to-use fine adjust.
- ▶ Four pressure output manifold.

[Learn more here](#) ◀

System Overview

| Pump System | Pressure Range | Test Media | Media Specifics | Pump |
|-------------|---------------------------|---------------|-----------------|----------|
| EOX | 0 to 10 000 psi / 700 bar | Hydraulic Oil | Rando HDZ32 | P014-CPF |



P014-CPF hydraulic jack pump

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Parts Included with Pump System E

| Part Number | Description | System E |
|-------------|--|----------|
| | | EOX |
| MPM-1/4BSPM | CPF Male to Screw Pump Adapter | ■ (2) |
| 5254 | 1/4" BSP Female to 1/4" BSP Female Fitting | ■ |
| MPF-1/4FPT | CPF Female to 1/4" NPT Female Fitting | ■ |
| MPF-1/4BSPF | CPF Female to 1/4" BSP Female Fitting | ■ |
| MPF-1/8MPT | 1/8" MPT Fitting (for 30 Series Calibrator) | ■ (2) |
| MPF-CAP | CPF Female Cap Fitting | ■ |
| SPK-HPC-004 | 1/4" BSP Male to 1/4" BSP Male Banjo Connector | ■ |
| 60R955 | 1/4" Male BSP Plugs | ■ (4) |
| 60R120 | 1/4" Bonded Seals | ■ (5) |
| 60P013 | 1/4" BSP Male Fine Adjust | ■ |
| 1351 | Test Leads; Red & Black, including clips (for 30 Series) | ■ |
| 5249 | Protective Vinyl Cap | ■ (4) |
| 60I104 | Pack Tape (1 roll) | ■ |
| 60R159 | Allen Key | ■ |
| 124004 | Shoulder Strap | ■ |
| 124303 | Aluminum Carrying Case | ■ |

Carrying Case

Pump System E is delivered with an Aluminum Carrying Case.



Ordering a Pump System

Any P014 Pump System may be ordered with or without a reference indicator. The table below provides an explanation of the Pump System ordering scheme when ordering a system without an indicator. For details on ordering the Pump Systems with an indicator, see the indicator datasheet.

| Reference Indicator | Pump System |
|-----------------------------|------------------------------|
| nVision NV-NONE | System E (P014-CPF) ... -EOX |
| 30 Series..... IS30-NONE | |
| HPC40 Series ... HPC40-NONE | |
| HPC50 Series ... HPC50-NONE | |
| XP2i XP2i-NONE | |
| m1..... M1-NONE | |

► SAMPLE PART NUMBERS

NV-NONE-EOX System E pump system (for nVision) for use with oil.
 IS30-NONE-EOX System E pump system (for 30 Series) for use with oil.
 5KPSIXP2i-EOX System E pump system for use with oil, with an XP2i gauge (5000 psi).

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■ System F

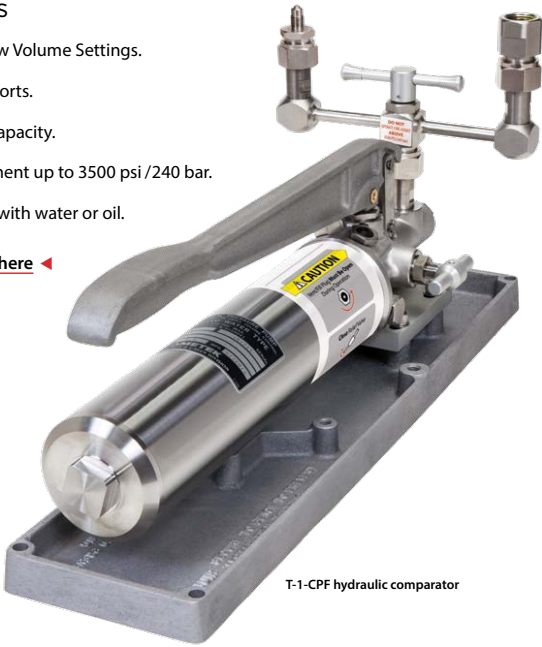
Pump Overview

T Series is a high volume hydraulic comparator capable of producing pressure up to 15 000 psi / 1000 bar. This unit is ideal for testing and calibrating pressure gauges, relief valves, and pressure switches.

Key Features

- ▶ High and Low Volume Settings.
- ▶ Two outlet ports.
- ▶ Large fluid capacity.
- ▶ Fine Adjustment up to 3500 psi / 240 bar.
- ▶ Compatible with water or oil.

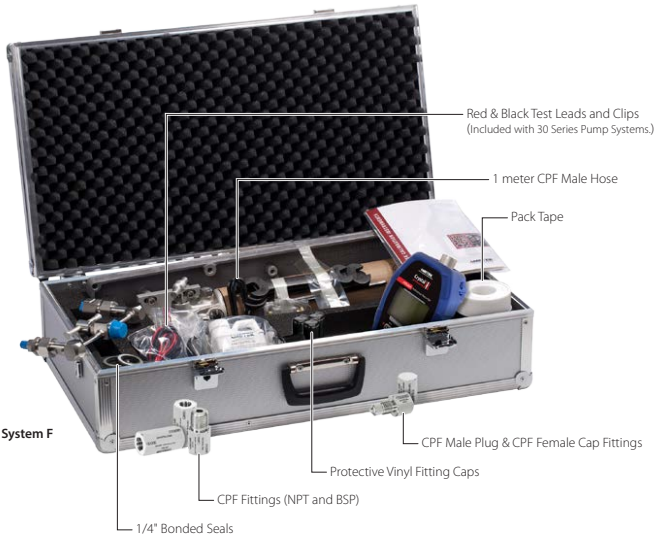
[Learn more here](#) ◀



T-1-CPF hydraulic comparator

System Overview

| Pump System | Pressure Range | Test Media | Media Specifics | Pump |
|-------------|----------------------------|---------------|-----------------|---------|
| FOV | 0 to 15 000 psi / 1000 bar | Hydraulic Oil | Rando HDZ32 | T-1-CPF |
| FWV | 0 to 15 000 psi / 1000 bar | Water | Distilled Water | T-1-CPF |



Parts Included with Pump System F

| Part Number | Description | System F |
|---------------|--|-------------|
| | | FOV and FWV |
| 5255 | CPF Male to 15/16-20 Male Adapter | ■ (2) |
| MPF15K-1/4FPT | CPF Female to 1/4" NPT Female Fitting | ■ |
| MPF-1/4BSPF | CPF to 1/4" BSP Female Fitting | ■ |
| MPF-1/8MPT | 1/8" MPT Fitting (for 30 Series Calibrator) | ■ (2) |
| 60R120 | 1/4" Bonded Seals | ■ (5) |
| 1351 | Test Leads; Red & Black, including clips (for 30 Series) | ■ |
| 5249 | Protective Vinyl Cap | ■ (4) |
| 60I104 | Pack Tape (1 roll) | ■ |
| 124004 | Shoulder Strap | ■ |
| 124304 | Aluminum Carrying Case | ■ |

Carrying Case

Pump System F is delivered with an Aluminum Carrying Case.



Ordering a Pump System

Any Type T Series Pump System may be ordered with or without a reference indicator. The table below provides an explanation of the Pump System ordering scheme when ordering a system without an indicator. For details on ordering the Pump Systems with an indicator, see the indicator datasheet.

| Reference Indicator | Pump System |
|-----------------------------|-----------------------------|
| nVision NV-NONE | System F (T-1-CPF) ... -FOV |
| 30 Series..... IS30-NONE | System F (T-1-CPF) ... -FWV |
| HPC40 Series ... HPC40-NONE | |
| HPC50 Series ... HPC50-NONE | |
| XP2i XP2i-NONE | |
| m1..... M1-NONE | |

► SAMPLE PART NUMBERS

- NV-NONE-F0V System F pump system (for nVision) for use with oil.
- IS30-NONE-FWV System F pump system (for 30 Series) for use with water.
- 15KPSIXP2i-FWV ... System F pump system for use with water, with an XP2i gauge (15 000 psi).



■ System G

Pump Overview

GaugeCalHP is a self-contained, precision hydraulic pressure comparator intended for the calibration of pressure gauges, transmitters, sensors, and safety valves rated up to 15 000 psi / 1000 bar. You may fill the comparator with your choice of water or oil.

The GaugeCalHP is much faster than deadweight testers and most automated pressure controllers; and it's so quick and easy to use, it's ideal for calibrating those low cost gauges that are often overlooked for ISO9000 compliance.

[Learn more here](#) ◀

System Overview

| Pump System | Pressure Range | Test Media | Media Specifics | Pump |
|-------------|----------------------------|---------------|-----------------|------------|
| GOX | 0 to 15 000 psi / 1000 bar | Hydraulic Oil | Rando HDZ32 | GaugeCalHP |
| GWX | 0 to 15 000 psi / 1000 bar | Water | Distilled Water | GaugeCalHP |



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Parts Included with Pump System G

| Part Number | Description | System G |
|---------------|--|-------------|
| | | GOX and GWX |
| MPF15K-1/4FPT | CPF Female to 1/4" NPT Female Fitting | ■ |
| MPF-1/4BSPF * | CPF Female to 1/4" BSP Female Fitting | ■ |
| MPF-1/8MPT * | 1/8" MPT Fitting (for 30 Series Calibrator) | ■ (2) |
| MPF-CAP * | CPF Female Cap Fitting | ■ (2) |
| 60R120 | 1/4" Bonded Seals | ■ (5) |
| 5102 | Fine Adjust (installed) | ■ |
| 1351 | Test Leads; Red & Black, including clips (for 30 Series) | ■ |
| 5249 | Protective Vinyl Cap | ■ (4) |
| 60I104 | Pack Tape (1 roll) | ■ |
| 5101 | Rolling Waterproof Carrying Case | ■ |

* These fittings are rated to 10 000 psi/ 700 bar.

Carrying Case

Pump System G is delivered with a rolling, Waterproof Carrying Case.



Ordering a Pump System

Any GaugeCalHP Pump System may be ordered with or without a reference indicator. The table below provides an explanation of the Pump System ordering scheme when ordering a system without an indicator. For details on ordering the Pump Systems with an indicator, see the indicator datasheet.

| Reference Indicator | Pump System | Carrying Case |
|-----------------------------|--------------------------------------|-------------------|
| nVision NV-NONE | System G (GaugeCalHP-oil)-GOX | Waterproof-W |
| 30 Series..... IS30-NONE | System G (GaugeCalHP-water)-GWX | |
| HPC40 Series ... HPC40-NONE | | |
| HPC50 Series ... HPC50-NONE | | |
| XP2i XP2i-NONE | | |
| m1..... M1-NONE | | |

► SAMPLE PART NUMBERS

NV-NONE-GOX-W System G pump system for an nVision, for use with oil, in a waterproof carrying case.

IS30-NONE-GWX-W System G pump system for an nVision, for use with water, in a waterproof carrying case..

15KPSIXP2i-GWX-W ... System G pump system for use with water, with an XP2i gauge (15 000 psi), in a waterproof carrying case..

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■ System H

Pumps Overview

T-900 Series pneumatic pressure pumps feature an extended range fine adjust for precise control of pressure and vacuum, while a vent valve provides quick and positive shut-off and pressure release. T-600 Series are lightweight, portable hydraulic handpumps, specially designed for high pressure applications.

Key Features

- ▶ Lightweight, compact design.
- ▶ Two outlet ports.
- ▶ Adjustable stroke.
- ▶ T-900 Series generates up to 580 psi/40 bar *and vacuum*.
- ▶ T-600 Series generates up to 5000 psi/350 bar.

[Learn more here](#) ◀

T-620-CPF hydraulic pump and
T-975-CPF pneumatic pump



System Overview

| Pump System | Pressure | Vacuum | Pressure Range | Pump |
|-------------|----------|--------|---------------------------------------|------------|
| HOX | ■ | ■ | -27 inHg to 580 psi / -0.91 to 40 bar | T-975-CPF |
| | ■ | | 0 to 5000 psi / 350 bar | T-620H-CPF |



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Parts Included with Pump Systems H

| Part Number | Description | System H HOX |
|-------------|--|-----------------|
| 5238 | 3/8" BSP Male to CPF Male Fitting | ■ |
| 5252 | 5/16-24 SAE Male to CPF Female Fitting | ■ |
| MPF-1/4FPT | CPF Female to 1/4" NPT Female Fitting | ■ (2) |
| MPF-1/4BSPF | CPF Female to 1/4" BSP Female Fitting | ■ (2) |
| MPF-1/8MPT | 1/8" MPT Fitting (for 30 Series Calibrator) | ■ (2) |
| MPM-PLUG | CPF Male Plug Fitting | ■ |
| MPF-CAP | CPF Female Cap Fitting | ■ |
| MPH-1 | 1 meter CPF Male Hose | ■ (2) |
| 60R120 | 1/4" Bonded Seals | ■ (5) |
| 50-REP700 | O-ring and Lock Clip | ■ (5) |
| 1351 | Test Leads; Red & Black, including clips (for 30 Series) | ■ |
| 5249 | Protective Vinyl Cap | ■ (4) |
| 601104 | Pack Tape (1 roll) | ■ |
| 124004 | Shoulder Strap | |
| 124110 | Aluminum Carrying Case (for nVision and 30 Series) | |
| 2888 | Waterproof Carrying Case | ■ |

Carrying Case

Pump System H is delivered with a Waterproof Carrying Case.



Ordering a Pump System

Any Pump System H may be ordered with or without a reference indicator. The table below provides an explanation of the Pump System ordering scheme when ordering a system without an indicator. For details on ordering the Pump Systems with an indicator, see the indicator datasheet.

| Reference Indicator | Pump System | Carrying Case |
|-----------------------------|---|------------------|
| nVision NV-NONE | System H (T-975-CPF and T-620H-CPF) ...-HOX | Waterproof ...-W |
| 30 Series..... IS30-NONE | | |
| HPC40 Series ... HPC40-NONE | | |
| HPC50 Series ... HPC50-NONE | | |
| XP2i XP2i-NONE | | |
| m1..... M1-NONE | | |

► SAMPLE PART NUMBERS

NV-NONE-HOX-W System H pump system (for nVision) with a waterproof carrying case.

M1-NONE-HOX-W System H pump system (for m1) with a waterproof carrying case.

5KPSIXP2i-HOX-W System H pump system in a waterproof carrying case, with an XP2i gauge (5000 psi).

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Dear Calibration Professional,

You're already familiar with the family of high quality AMETEK calibrators and pressure gauges. Perhaps you even own one.

The same relentless pursuit of perfection invested in our gauges; and that spurred the design of CPF—the industry's safest test fitting line—also drives us to create top-quality pressure generation systems.

We know, just as you do, that the best calibrators are only as good as their support equipment.

Our pumps and Pump Systems deliver exactly what you need for field and lab calibration: reference indicators, fittings, hoses, and accessories, all packed inside sturdy and portable cases.

From rugged and effective pumps, to the best fittings and hoses, to time-saving software—we've thought of everything.

These are your tools for pressure calibration; the ones you use over and over, every day. Doesn't it make sense to buy the best?

Working for you,
The AMETEK Team

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CrystalCalHP

Everything You Need
for Ultra-Fast, Error-Free
Calibrations

10-point up and down calibrations in under 3 minutes.

CrystalCalHP-PSI includes:

- ▶ **One** GaugeCalHP pressure comparator.
- ▶ **One** copy of FastCalXP calibration software, with footswitch.
- ▶ **Three** XP2i gauges with 0.1% of Reading accuracy.
- ▶ **One** Weatherproof carrying case.
- ▶ **All** the CPF fitting adapters you need.

Eliminates typing and guesswork—
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