

## MECHANICAL GAUGES

### STANDARD FEATURES

LOCAL READING - NO POWER  
 LARGE 4.4" ROUND DIAL - ROTATES 270°F  
 RANGES - 1500psi to 30,000psi  
 3% ACCURACY  
 750°F(400°C) MERCURY FILL  
 INCONEL TIP - 1/2"-20UNF THREAD

### OPTIONS

TIP OPTIONS: Hastelloy,  
 Titanium Nitride  
 THREAD OPTIONS: M18x1.5, Custom  
**660°F(350°C) MERCURY FREE FILL**  
**1000°F(538°C) NaK Fill**

## MPG100



### MPG1XX - P XX

**00** - 6" Stem  
**10** - 12" Stem  
**1.5** - 1,500psi  
**3** - 3,000psi  
**5** - 5,000psi  
**10** - 10,000psi  
 Custom

**X**

**M** - Psi x 1000  
**B** - Bar x 100  
**P** - MPa

**X**

**S** - Standard Inconel  
**C** - Chromium Nitride  
**T** - Titanium Nitride  
**I** - Inconel Tip + Threads  
**H** - Hastelloy  
**D** - Diamond Particulate

**X**

**-** - Mercury Fill  
**F** - Mercury Free Fill  
**K** - NaK Mercury Free Fill  
**U** - Stem Up

### STOCK LIST

PART#	STEM	FLEX	PRESSURE
MPG100-P1.5MS	6"		1500psi
MPG100-P3MS	6"		3000psi
MPG100-P5MS	6"		5000psi
MPG100-P10MS	6"		10000psi
MPG100-P15MS	6"		15000psi
MPG100-P20MS	6"		20000psi
MPG110-P1.5MS	12"		1500psi
MPG110-P3MS	12"		3000psi
MPG110-P5MS	12"		5000psi
MPG110-P10MS	12"		10000psi

## MPG200



### MPG2X X - P XX

**0** - 6" Stem  
**1** - 12" Stem  
**0** - 30" Flex  
**1** - 60" Flex  
**1.5** - 1,500psi  
**3** - 3,000psi  
**5** - 5,000psi  
**10** - 10,000psi  
 Custom

**X**

**M** - Psi x 1000  
**B** - Bar x 100  
**P** - MPa

**X**

**S** - Standard Inconel  
**C** - Chromium Nitride  
**T** - Titanium Nitride  
**I** - Inconel Tip + Threads  
**H** - Hastelloy  
**D** - Diamond Particulate

**X**

**-** - Mercury Fill  
**F** - Mercury Free Fill  
**K** - NaK Mercury Free Fill

### STOCK LIST

PART#	STEM	FLEX	PRESSURE
MPG200-P1.5MS	6"	30"	1500psi
MPG200-P3MS	6"	30"	3000psi
MPG200-P5MS	6"	30"	5000psi
MPG200-P10MS	6"	30"	10000psi
MPG200-P15MS	6"	30"	15000psi
MPG200-P20MS	6"	30"	20000psi
MPG201-P5MS	6"	60"	5000psi
MPG201-P10MS	6"	60"	10000psi
MPG210-P5MS	12"	30"	5000psi
MPG210-P10MS	12"	30"	10000psi
MPG2Q0-P5MS	6"	48"	5000psi
MPG2R0-P5MS	12"	48"	5000psi

## MPGX00



### MPGX

**J** - Thermocouple J  
**K** - Thermocouple K  
**RTD** - PT100 Sensor  
**0** - 6" Stem  
**1** - 12" Stem  
**0** - 30" Flex  
**1** - 60" Flex  
**1.5** - 1,500psi  
**3** - 3,000psi  
**5** - 5,000psi  
**10** - 10,000psi  
 Custom

**X**
**X - P XX**

**M** - Psi x 1000  
**B** - Bar x 100  
**P** - MPa

**X**

**S** - Standard Inconel  
**C** - Chromium Nitride  
**T** - Titanium Nitride  
**I** - Inconel Tip + Threads  
**H** - Hastelloy  
**D** - Diamond Particulate

**X**

**-** - Mercury Fill  
**F** - Mercury Free Fill  
**K** - NaK Mercury Free Fill

### STOCK LIST

PART#	STEM	FLEX	PRESSURE
MPGJ00-P5MS	6"	30"	5,000psi
MPGJ00-P10MS	6"	30"	10,000psi
MPGJ10-P10MS	12"	30"	10,000psi

## SPECIFICATIONS

### PERFORMANCE

RANGES - 1500 to 30,000psi  
 MAX ERROR - +/-3%  
 ZERO ADJUST - 20% Full Scale

### TEMPERATURE

MAX TIP TEMP - 750°F (400°C)  
 ZERO SHIFT - 35psi / 100°F  
 MAX HOUSING TEMP - 275°F (135°C)

### MECHANICAL & MATERIALS

CASE - Stainless Steel  
 WINDOW - Safety Glass  
 OVERLOAD - 1.5x Full Scale  
 MOUNTING TORQUE - 150(min) - 500(max) inch-lbs  
 DIAPHRAGM - Standard - Inconel  
 Option - Hastelloy