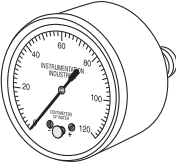


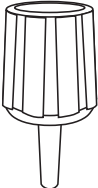
## I Cleaning Recommendations

1. **DO NOT immerse gauge in any liquid.**
2. **Gauge Case Cleaning**  
Wipe exterior of the gauge case with bactericidal or virucidal wipe.
3. **Gauge Crystal Cleaning**  
DO NOT use alcohol or a solution containing phenols on crystal.  
Gently wipe crystal with bactericidal or virucidal wipe.

## J Product Specifications

	<b>NS 120P-TRS</b>
	<b>120cm H<sub>2</sub>O Pressure Gauge</b>
	<b>Connection:</b> Rear 1/4" NPT ( <i>National Pipe Thread</i> )
	<b>Marks:</b> Reads 0-120cm H <sub>2</sub> O in 2cm markings
<b>Packaged:</b> Individually	

**Available:** NS-SC - Smooth Crystal Replacement for NS 120P-TRS

	<b>BE 148-1</b> ( <i>Not Included. Available from iiimedical.com</i> )
	<b>Gauge Adapter</b>
	<b>Adapts:</b> 1/4" NPT ( <i>National Pipe Thread</i> ) connection to 1/8" tubing connection
	<b>Material:</b> Polycarbonate
<b>Packaged:</b> Individually	

 **Instrumentation  
Industries, Inc.**

# Pressure Gauge

*Installation  
& Usage  
Directions*



## NS 120P-TRS



Visit [iiimedical.com/symbols.pdf](http://iiimedical.com/symbols.pdf)  
for the Glossary of Symbols used in  
Instrumentation Industries, Inc. labeling.



Manufactured for:

**Instrumentation  
Industries, Inc.**

2990 Industrial Blvd.  
Bethel Park, PA 15102

US Toll Free: 1-800-633-8577  
Business: 1-412-854-1133

US Toll Free Fax: 1-877-633-8661  
Fax: 1-412-854-5668

E-mail: [sales@iiimedical.com](mailto:sales@iiimedical.com)  
[www.iiimedical.com](http://www.iiimedical.com)

**Reusable**

— Not made with Natural Rubber Latex  
— Not made with Di(2-ethylhexyl) phthalate (DEHP)

**Rx  
ONLY**

**NON  
STERILE**

## A Indications for Use

The Instrumentation Industries, Inc. NS 120P-TRS Airway Pressure Monitor is a device used to monitor patient airway pressure during ventilation with a manual resuscitation device or bag/mask unit.

## B Contraindications

The NS 120P-TRS is not to be used if a negative pressure reading is required.

## C WARNING!

Use a filter, one-way valve or a remote connection to keep the device from becoming contaminated.

## D Notes

**Note 1:** The NS 120P-TRS only monitors positive pressure and cannot be used to monitor vacuum pressure.

**Note 2:** Do not exceed the maximum pressure reading as shown on the gauge. If the pressure exceeds 120cm H<sub>2</sub>O, this may destroy the internal workings of the gauge.

## E Directions for Use

1. Verify that the **Needle** is set to zero. Re-zero if necessary. (see Panel H)
2. Apply **Teflon Tape** to **Gauge Threads**. (see Panel G)
3. Attach a length of **Small Bore Tubing** to **Pressure Gauge** to the rear **1/4" NPT Connection** using a **BE 148-1 Gauge Adapter** (not included)\*. (Panel F — Figure 1)
4. Connect the **Other End of Small Bore Tubing** to **Pressure Adapter**. (Panel F — Figure 1)
5. Gauge will provide pressure reading.

\*BE 148-1 Gauge Adapter is available from Instrumentation Industries, Inc. — [iiimedical.com](http://iiimedical.com)

## F Configuration for NS 120P-TRS

### NS 120P-TRS Used with Resuscitation Bag

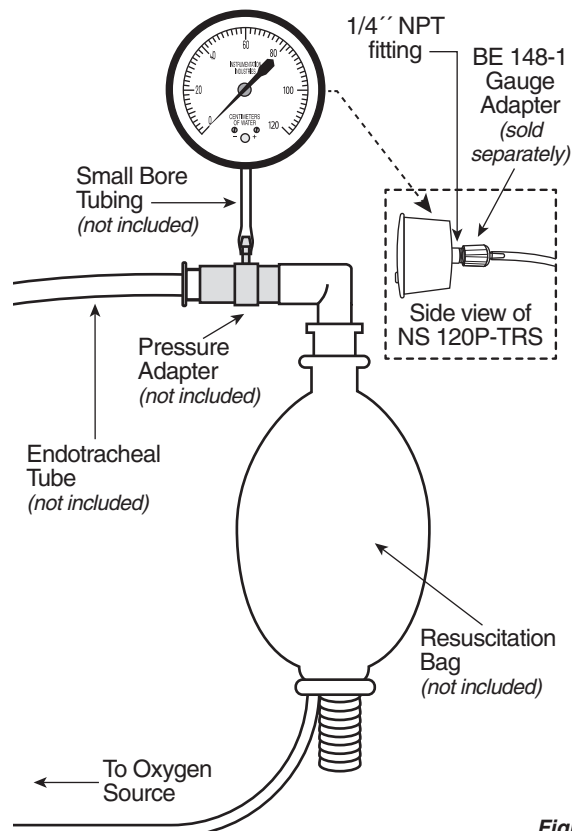


Figure 1

## G 1/4" NPT Gauge Installation Directions

**Handle the gauge with care.** Dropping or jarring the gauge will damage it.

1. Prior to installation, **at least two layers of teflon tape MUST** be applied to threads. (Figure 2)
2. **HAND TIGHTEN** gauge into position.
3. Place a wrench on the square fitting next to the gauge case to finish tightening. (Figure 3)

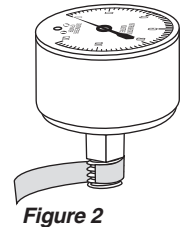


Figure 2

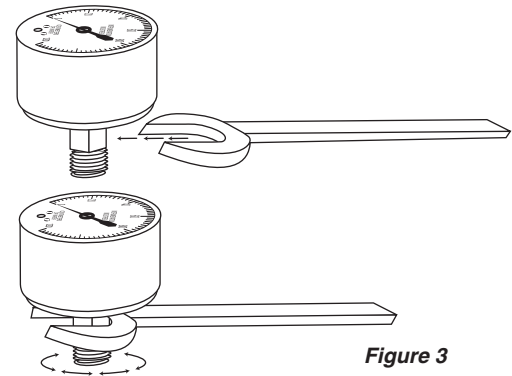


Figure 3

### Notes:

- **ALWAYS** use a wrench to tighten a **Pressure Gauge** with a **1/4" NPT fitting** into position.
- **NEVER** apply force on the gauge case to tighten into position.
- **DO NOT** overtighten fitting into **Plastic Adapters!**

## H How to "Re-Zero" a Pressure Gauge

If the **Needle** has moved away from zero, it can be re-zeroed.

1. Carefully pry out **Plastic Plug** from the crystal (clear lens). (Figure 4)
2. Insert a small, **Flathead Screwdriver Blade** into the set screw located at the 6 o'clock position. (Figure 5)
3. Turn the **Screw** in the direction that allows the **Needle** to move the shortest distance back to zero. (Figure 5)
4. Replace the **Plastic Plug**.

**Note:** Under no circumstances should you attempt to move the **Needle** more than 180°. The internal workings of the gauge may be destroyed.

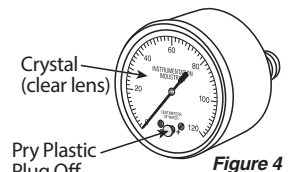


Figure 4

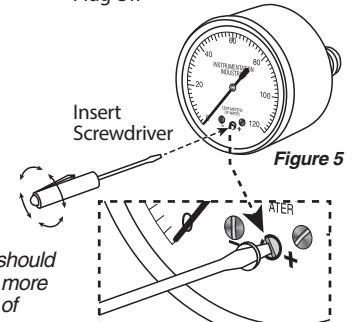


Figure 5