



*Precision Performance*

## **HANDPIECE AIR PRESSURE GAUGE Instruction Sheet**

### **WHEN TO USE YOUR LARES HANDPIECE AIR PRESSURE GAUGE**

Before installing your new Lares Handpiece and periodically thereafter, check your handpiece air pressure at the handpiece connection using this gauge. Doing so will save you costly bearing repairs and downtime while insuring that your handpiece performs at the air pressure for which it is designed.

### **USING THE LARES HANDPIECE AIR PRESSURE GAUGE FOR HANDPIECE BRANDS OTHER THAN LARES RESEARCH**

The Lares Handpiece Air Pressure Gauge is designed to allow accurate air pressure adjustment for Lares Handpieces and is not calibrated for use with other brand handpieces. Air flow at back of gauge approximates the flow of air for Lares Handpieces.

**NOTE:** If your gauge is ever dropped, return it for service to Lares Research or your authorized Lares distributor to be sure that proper calibration has not been altered.

### **IMPORTANT SAFETY PRECAUTIONS - EXPLOSION HAZARD!**

1. ALWAYS WEAR PROPER EYE PROTECTION WHEN USING AIR PRESSURE GAUGE.
2. Immediately stop using this gauge if the dial reaches 60 psi. Reduce the drive air pressure adjustment in your dental unit before reinstalling the gauge on the hose/swivel coupler. Never connect this gauge to a hose known to be set to an air pressure in excess of 60 psi.
3. Be sure that the gauge is securely connected to hose/swivel coupler before depressing foot control.

## **INSTRUCTIONS FOR USE**

1. Remove handpiece from hose connection. For swivel handpieces, disconnect swivel handpiece from swivel coupler, leaving swivel coupler connected to handpiece hose.
2. Attach Handpiece Air Pressure Gauge to handpiece hose or swivel coupler. Check to be sure that gauge is securely connected to hose/swivel coupler.
3. Fully depress your foot control to pressurize the hose as when operating a handpiece. Adjust the dental unit drive air pressure until the Lares Handpiece Air Pressure Gauge dial reads the air pressure recommended in the instruction booklet accompanying the handpiece. (The owner's manual for your dental unit will indicate how adjustment of drive air to the handpiece hose is performed).

**NOTE:** Disregard the air pressure indicated by the air gauge on your delivery unit as this does not compensate for variations in hose length, diameter and handpiece air consumption characteristics.

4. Release your foot control to terminate the air pressure to the hose. Disconnect the gauge and reinstall the handpiece for use.

## **WARRANTY**

Your Lares Handpiece Air Pressure Gauge is warranted for one year against defects in material and workmanship.

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