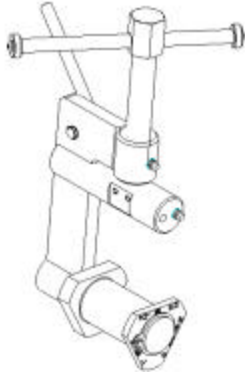




## PES1 Safety

**PES1IPS #04290**  
**PES1CTS #04292**

### Safety Considerations



Pressure control situations requiring squeeze-off may involve working in the vicinity of escaping gas. Consider the possibility and potential hazard of static electricity and observe safety precautions. Safety precautions regarding static electricity generally include performing squeeze-off in a separate bellhole remote from the blowing gas; applying a wet rag/tape to the pipe surface; and spraying the area with a fine water mist to conduct the static charge to the ground – grounding the squeeze-off tool\*. Check the squeeze-off tool prior to use to assure it is the correct size; is properly functioning; and is properly adjusted for the squeeze-off to be done.

\* Consider using Reed's Grounding Accessory (#04619) and Static Discharge Alarm (#04620).

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1425 West 8<sup>th</sup> St.  
Erie, PA 16502 USA

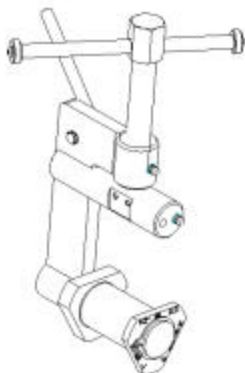
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## PES1 Operating Instructions

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**PES1IPS #04290**  
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### Capacity: ½" to 1"

1. Follow safety procedures.
2. Determine pipe/tube size and wall thickness. Set stops for over-squeeze protection.
3. Insert ground probe into moist soil (for gas applications).
4. Raise the Top Crimp Bar by turning the Feed Screw.
5. Center the squeeze-off tool on and square to pipe.
6. Turn the feed screw to compress the pipe at a slow rate with momentary pauses to allow stress relaxation in the pipe to occur. This is particularly important in cold weather.
7. Squeeze the pipe until flow is controlled or top bar contacts the stops.

#### Tool Removal

1. Maintain a release rate of ½ inch per minute to prevent damage to pipe as recommended by ASTM F1041.
2. Rotate the tool 90° and re-apply force to re-round pipe.
3. Inspect squeezed section for damage before covering. Procedures should be followed that prevent squeezing the same area of the pipe again.

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