Instructions

Multi-Orifice Linear Streaming Applicator (MOLSA) Head

For applying liquid applied sound deadener (LASD) using 1K Ultra-Lite™ dispense valve. For professional use only.

3000 psi (20.7 MPa, 207 bar) Maximum Working Pressure

See page 3 for model information.

Important Safety Instructions
Read all warnings and instructions in this manual and in the 1K Ultra-Lite™, Instructions-Parts List manual. Save all instructions.
Related Manuals

<table>
<thead>
<tr>
<th>Manual</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>308876</td>
<td>1K Ultra-Lite, Instructions-Parts List</td>
</tr>
</tbody>
</table>

Warnings

The following warnings are for the setup, use, grounding, maintenance, and repair of this equipment. The exclamation point symbol alerts you to a general warning and the hazard symbols refer to procedure-specific risks. When these symbols appear in the body of this manual or on warning labels, refer back to these Warnings. Product-specific hazard symbols and warnings not covered in this section may appear throughout the body of this manual where applicable.

**WARNING**

**SKIN INJECTION HAZARD**

High-pressure fluid from dispensing device, hose leaks, or ruptured components will pierce skin. This may look like just a cut, but it is a serious injury that can result in amputation. Get immediate surgical treatment.

- Do not point dispensing device at anyone or at any part of the body.
- Do not put your hand over the fluid outlet.
- Do not stop or deflect leaks with your hand, body, glove, or rag.
- Follow the **Pressure Relief Procedure** when you stop dispensing and before cleaning, checking, or servicing equipment.
- Tighten all fluid connections before operating the equipment.
- Check hoses and couplings daily. Replace worn or damaged parts immediately.
Models

Models with Check Valve Assemblies

<table>
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<tr>
<th>Orifice Size (mm / in.)</th>
<th>0.64 / 0.025</th>
<th>0.74 / 0.029</th>
<th>0.89 / 0.035</th>
<th>1.04 / 0.041</th>
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Models with Port Plugs

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</table>
Component Identification

**Key:**
A  Inlet Plate
B  Center Stem
C  Threaded Nut
D  Check Valve Assembly
E  Brass Ring
F  O-Ring
G  Port Plug

**Fig. 1: MOLSA head**
Installation

1. Relieve pressure from the system. Refer to the system manual for Pressure Relief Procedure.

NOTE: The kit comes with a 3/4-16 threaded nut (C) already installed. If the system requires a 7/8-14 threaded nut (C) instead, perform all of the following steps. Otherwise, begin at step 5.

2. Remove the center stem (B) from the inlet plate (A) and slide the existing threaded nut (C) off the center stem (B).

3. Install the desired threaded nut (C) by sliding it onto the center stem (B).

4. Lubricate the o-ring (F) on the center stem (B) and install the assembly back onto the inlet plate (A).

5. Ensure the brass washer (E) is seated on the center stem (B).

6. Install the head assembly onto the dispense valve and hand tighten the threaded nut (C).

7. Adjust the head assembly to the desired orientation and tighten the threaded nut (C) completely.

8. Connect the flushing lines to the 1/4 NPT check valve assemblies (D), if installed.

Related Parts

24W535
Contains two check valve assemblies (D).

24W613
Contains two port plugs (G).

17C319
Contains one brass ring (E).

17C322
Contains one center stem (B).

17C316
Contains one 3/4-16 threaded nut (C).

17C324
Contains one 7/8-14 threaded nut (C).

17E210
Optional Dispense Valve Orifice (H).

To avoid injury, relieve pressure from the system prior to installing the kit. Refer to the system manual for Pressure Relief Procedure.

1. To minimize dead space in dispense valve 243666, place (H) in nozzle before attaching MOLSA Head.
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Sealant and Adhesive Dispensing Equipment

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If calling from the US: 800-746-1334
If calling from outside the US: 0-1-330-966-3000

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Original instructions. This manual contains English. MM 334230

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