

Amendment

E2M0.7 Rotary Vacuum Pumps for Micromeritics (Amendment to A371-32-880)

Description	Item Number
E2M0.7 100-120 V 50/60 Hz IEC Micromeritics	A371-42-902
E2M0.7 200-230 V 50/60 Hz IEC Micromeritics	A371-42-919



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1 INTRODUCTION

1.1 Scope of this amendment

This amendment describes the installation, operation and maintenance for the E2M0.7 rotary vane pumps for Micromeritics. Unless specified in this amendment, all information in the corresponding pump instruction manual also applies to the Micromeritics E2M0.7 pumps. Read this amendment before you use the pump.

The Item Numbers for the Micromeritics E2M0.7 pumps are given on the front cover of this manual.

Note that the Declaration of Conformity for the Micromeritics E2M0.7 rotary vacuum pumps are shown at the end of this amendment.

1.2 Description

The Micromeritics E2M0.7 pumps differ from the standard E2M0.7 pumps as follows:

- The Micromeritics E2M0.7 pumps are supplied with a sealed exhaust assembly fitted to the outlet port of the pump. You must remove the sealed exhaust assembly from the outlet port before commissioning the pump.

2 TECHNICAL DATA

You must use the Edwards Ultragrade 15 oil (supplied) as recommended in Section 2.5 of the corresponding pump instruction manual.

3 INSTALLATION

3.1 Introduction

Unless otherwise specified in the following sections of this amendment, you must use the procedures in Section 3 of the corresponding pump instruction manual to install the Micromeritics E2M0.7 pump.

3.2 Unpack and inspect

When you unpack and inspect the Micromeritics E2M0.7 pump, take note of the following:

- There is a sealed exhaust assembly fitted to the outlet port (refer to Section 3.6)
- An accessories pack is supplied with the pump. Unpack the kit and check that you have received all of the parts necessary to complete the installation (refer to Table 1).

Table 1 - Accessories pack

Quantity	Description	Check (✓)
1	NW10/16 centering ring with o-ring	<input type="checkbox"/>
1	NW10/16 clamping ring	<input type="checkbox"/>
1	Amendment sheet P601-00-760	<input type="checkbox"/>
1	Power cord	<input type="checkbox"/>

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3.3 Locate the pump

Locate the pump as described in Section 3.4 of the corresponding pump instruction manual.

3.4 Fill the pump with oil

You must fill the Micromeritics E2M0.7 pump with Edwards Ultragrade 15 oil and follow the instructions as described in Section 3.5 of the corresponding pump instruction manual.

3.5 Check and configure the motor

Check that the voltage specified on the motor is suitable for use with your electrical supply.

3.6 Outlet connection



WARNING

Connect the pump outlet to a suitable treatment plant to prevent the discharge of dangerous gases and vapours to the surrounding atmosphere.

CAUTION

You must remove the sealed exhaust assembly before you operate the pump. If you do not, the rubber disk on the exhaust assembly will burst.

Connect the pump as described in the 'Connect the pump outlet' section of the corresponding pump instruction manual.

4 OPERATION

Operate the pump as described in Section 4 of the corresponding pump instruction manual.

5 MAINTENANCE

Maintain the Micromeritics E2M0.7 pumps as described in Section 5 of the corresponding pump instruction manual.

However, note that you must only use Edwards Ultragrade 15 oil:

- When you check the oil-level and need to add more oil.
- When you replace the oil in the pump.

6 SPARES

Refer to Section 7 of the corresponding pump instruction manual for information on spares for the Micromeritics E2M0.7 pumps.