

## Basic Installation

### 1 Unpacking and Selecting Site

Consider the following when choosing a location for the device:

1. Ensure that the EasyMelt system is installed in a zone free of debris.
2. The device has to be connected to a power source and cooling water.
3. The device must be connected to a cooling system with sufficient water flow.
4. Make sure the device is easily accessible.
5. Device has to be seated on a mechanically secure surface.

### 2 Cooling Water Connection

In the back of the machine you will find the connections: Water In and Water Out. Using a water hose connect the machine to the water source for the cooling.

The following requirements apply to the cooling water:

1. Maximum allowable temperature – 95F.
2. Minimum allowable temperature - 58F.
4. Water must be mechanically debris free.
5. Water must be chemically pure. Distilled water is recommended.

### 3 AC Power Connection

The Power supply connects to the power network through a supplied 6 ft power cord. Connecting it to an additional fuse or circuit breaker provides extra protection in addition to the unit's internal protection.

#### Wiring Color Code

Color	Connection
Brown	Phase
Blue	Neutral
Green/Yellow	Ground/Earth

## Melting Procedure

### 1 Check and Place Crucible

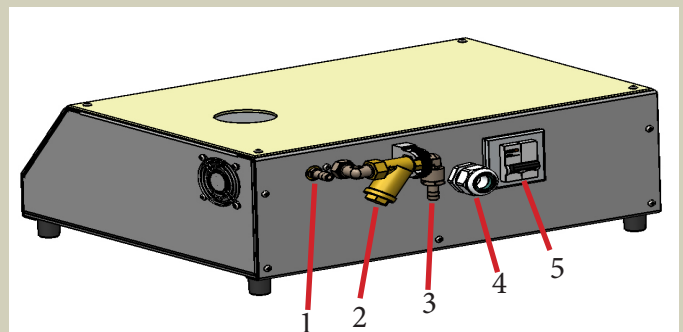
Ensure that the crucible is suitable for melting. The bottom of the crucible must not be too thin, or else the crucible may break during melting. Place the crucible into the melting chamber. Turn on the machine by pressing the power switch on the back panel.

### 2 Adjust Parameters

On the control panel, the Power Efficiency, Time, and Temperature can be adjusted. To adjust the parameters, push the Select button to move the red selecting light to the parameter you want to modify. Use the arrows to increase or decrease the value to the desired value.

### 3 Melt

Load the metal into the crucible and push the Start button. If you want to stop the machine at any time, press the Stop button. The heating light will light up and the machine will heat according to the set parameters. The temperature can be monitored on the display during the heating cycle.



Back Panel Connections

No.	Description
1	Water Outlet
2	Water Filter
3	Water Inlet
4	AC Power Cable
5	Power Switch