



## Machine Features

- MOST FLEXIBLE AND BASIC MACHINE
- IDEAL FOR SMALL TO MODERATE RUNS, OR SAMPLING ELEMENTS
- MOST MgO SUPPLIERS USE THIS MACHINE TO TEST MgO
- AVAILABLE FOR MAXIMUM ELEMENT LENGTHS UP TO 9.144 METERS (30 FT.)
- CAN ACCOMMODATE TUBE DIAMETERS FROM 7.92mm TO 22.2mm (.312" TO .875")
- SUPPLIED WITH A MECHANICAL VIBRATOR AND VARIABLE SPEED FILL RATE



The **Oakley 6 Position Jetted Filling Machine** is designed for small production runs, for test runs of new elements, or for testing and qualifying MgO. Most customers have at least one of these machines in their plants to use for these purposes. To keep the cost of this very basic machine as low as possible, we have not incorporated many of the special features that are now standard on our other fill machines. As a result, this machine involves much more manual operation than our other filling machines.

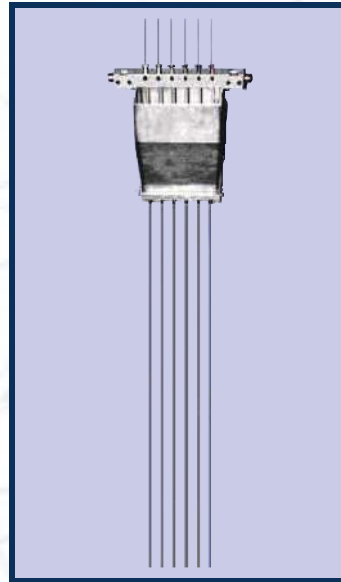
The machine is available for maximum element lengths up to 10.7 meters (30 ft.) and for element diameters up to 22.2mm (.875"). Because of these parameters, it is very popular with producers of industrial heating elements who often make larger diameter elements with very long lengths in small quantities.

We now supply the machine with our mechanical vibrator and a variable speed drive for the fill motor. This greatly simplifies the setting of both the frequency and amplitude of vibration.

The variable speed drive allows you to optimize production by filling at the best rate for your elements.

To enhance the versatility of this machine, we also offer quick-change, interchangeable hopper assemblies. Use of these hopper assemblies eliminates the need to individually remove the outer tube, inner tube and hook rods from the machine and then replace them with a new set. Instead, the hook rod bar is loosened and lowered onto the top of the hopper. The hopper is then removed from the machine with all of the tooling intact. A second hopper, with the proper fill tooling pre-installed, can then be mounted in the machine. These quick-change hoppers save considerable time in making the changeover for a different element diameter.

A multiple vibrator system is used on these machines. The number of vibrators is determined by the maximum length of the element for which the machine is supplied.



**Quick Change Hopper**

## Machine Specifications:

<b>Width:</b>	1220mm (48")
<b>Depth:</b>	610mm (24")
<b>Height:</b>	2 Times maximum element length +761mm (30")
<b>Weight:</b> <b>1.8 Meter (6 ft.)</b>	225 kg. (496 lbs.) [Add 3.2 kg. (7 lbs.) for each 300mm (12") for longer machines.]
<b>Electric Supply:</b>	115/220v—1ph—50/60hz
<b>Min. Diameter:</b>	6.0mm (.236")
<b>Max. Diameter:</b>	22.2mm (.875")
<b>Min. Element Length:</b>	610mm (24")
<b>Max. Element Length:</b>	9.14 Meters (30 ft.)