

Machine Features

- MOST FLEXIBLE AND BASIC MACHINE
- IDEAL FOR SMALL TO MODERATE RUNS, OR SAMPLING ELEMENTS
- NEW JET-LESS TECHNOLOGY DRAMATICALLY INCREASES FILL SPEED & MgO FLOW CONSISTENCY
- 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 Jetless Filling Machine** is designed for small to moderate production runs and for test runs of new elements. Most customers have at least one of these machines in their plants to use for these purposes.

The most important features of our new Jetless Fill System are the ability to dramatically increase fill speeds, greater consistency in MgO fill and a substantial reduction in the loss of MgO. The use of a mechanical vibration system also contributes to the consistency in fill density amongst the filled elements.

The machine is available for maximum element lengths up to 9.144 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 to medium quantities.

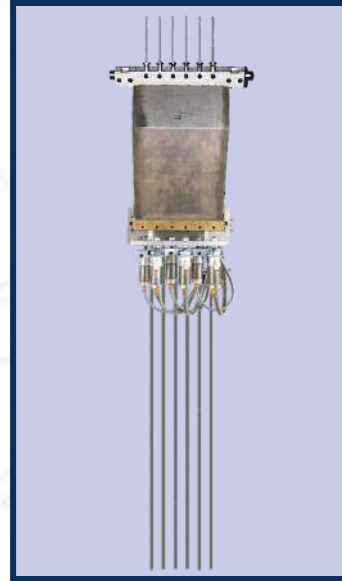
Our machine produces a very consistent fill level in all of the tubes being filled. This level is also adjustable so that you can create the proper cavity in the tube for your particular upper plug without having to either empty or add some MgO.

The machine is supplied with a programmable logic controller (PLC) and a touch screen operator interface. The operator can set all of the machine parameters with this interface, such as the stations to be operated, and the vibration speed

Another important feature of this machine is the ability to individually program the positions on the machine that you wish to use for filling. No element tubes have to be placed in the stations that are not being used. With this feature you can run any quantity of elements you desire from 1 to the maximum number of stations on the machine.

To also 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.

We can also supply this machine to fill one diameter across all six stations, or as many as six different diameters across the six stations of the machine.



Quick Change Hopper

Machine Specifications:

Width:	1220mm (48")
Depth:	610mm (24")
Height:	2 Times maximum element length +915mm (36")
Weight: 1.8 Meter (6 ft.)	225 kg. (496 lbs.) [Add 3.2 kg. (7 lbs.) for each 300mm (12") for longer machines.]
Electric Supply:	115/220v—1ph—50/60hz
Air Supply:	5.6 bar (80 psi)
Min. Diameter:	7.92mm (.312")
Max. Diameter:	22.2mm (.875")
Min. Element Length:	610mm (24")
Max. Element Length:	9.14 Meters (30 ft.)