Borel
Standard Furnaces & Ovens
Switzerland

Photos for illustration purposes only

LADLES

Definition: A ladle is a mobile muffle in refractory steel provided with an inert gas inlet. The muffle is designed to be placed in a chamber furnace with the parts themselves arranged in the muffle. It is then possible to work under protective gas.

Construction: The muffle is parallelepiped-shaped (with one hinged face closing by gravity), with a gas inlet (which also serves as a handle) and a mobile floor grid system on which the parts are placed. The mobile floor makes it easy to transfer the parts from the muffle to the quenching tank.

Heating: The maximum temperature withstood by the muffles is 1100 °C. Our muffles are available with our chamber furnaces for 1100 °C, or 1200 °C for more intensive use.

Type of gas: Working with non-flammable gas (nitrogen, forming gas 95-5 etc.).

Pneumatics: Our muffles are fitted with a valve to regulate the air supply and a flexible pipe.

MODEL	ITEM CODE	Int. Vol. (L)	Int. Dim. (WxHxD) (mm)	Ext. Dim. (WxHxD) (mm)	Weight (kg)
Ladle S	N15400	1.4	120 x 60 x 200	125 x 65 x 260	4.5
Ladle M	N15401	4	190 x 90 x 250	195 x 110 x 320	7.5
Ladle L	N15402	10	250 x 140 x 295	255 x 155 x 420	11.5

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Specifications subject to change