

Borel

Standard Furnaces & Ovens

since 1918



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FURNACES & PORTABLE LADLE WITH PROTECTIVE ATMOSPHERE FP 1100-1200 P

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 with 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.

Delivered with: Our packs are composed of a furnace able to receive a muffle, a ladle and protection for the heating elements to avoid any damaging contact between them and the muffle.

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. Type EO M10L connector.

Documentation: CE marking and operating instructions in English.

MODEL/PACK	ITEM CODE	LADLE					Furnaces used
		Item Code	Vol. Int. (L)	Int. Dim. (WxHxD) (mm)	Ext. Dim. (WxHxD) (mm)	Weight (kg)	
FP 1100-15-P Ladle S + furnace 1100°C	G14976P	N15400	1.4	120 x 60 x 200	125 x 65 x 260	4.5	FP 1100-15
FP 1200-15-P Ladle S + furnace 1200°C	G14982P	N15400	1.4	120 x 60 x 200	125 x 65 x 260	4.5	FP 1200-15
FP 1100-30-P Ladle M + furnace 1100°C	G14977P	N15401	4.0	190 x 90 x 250	195 x 110 x 320	7.5	FP 1100-30
FP 1200-27-P Ladle M + furnace 1200°C	G14984P	N15401	4.0	190 x 90 x 250	195 x 110 x 320	7.5	FP 1200-27
FP 1100-45-P Ladle L + furnace 1100°C	G14978P	N15402	10	250 x 140 x 395	255 x 155 x 420	11.5	FP 1100-45
FP 1200-45-P Ladle L + furnace 1200°C	G14985P	N15402	10	250 x 140 x 395	255 x 150 x 420	11.5	FP 1200-45

SOLO Swiss SA

Grandes-Vies 25, 2900 Porrentruy, Switzerland - Tel. +41 (0)32 756 64 00 - borel@soloswiss.com - www.borelswiss.com

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Specifications subject to change