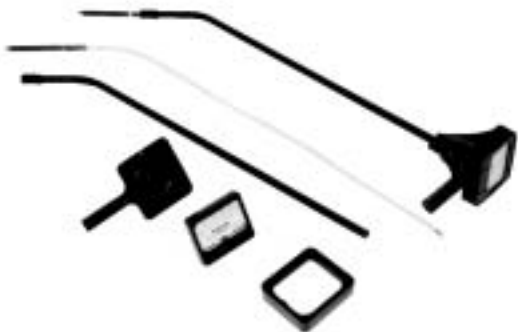




Foundry Pyrometers

For Non-Ferrous Metals

Portable Pyrometer



A pyrometer is an instrument specially suited to measure the temperature of molten aluminum, brass, bronze, copper, and other non-ferrous metals where temperatures do not exceed 2300° Fahrenheit.

The protected thermocouple is mounted in the top of the lance to take temperature readings below the

Digital Wall Mount Pyrometer



surface of the molten metal to give readings unaffected by dross or surface conditions. The enclosed immersion tip assures long service life in severe conditions.

Pyrometers are available in two types – portable and wall mount.

Models Available

Model MD-250 — Digital-Portable Hand Lance Pyrometer

Features 0-2350°F temperature sensing range, 3/8" high LED readout, solid state operation, 12" long enclosed thermocouple affixed to a 36" long lance, replaceable thermocouple tips and rugged aluminum housing.

To order specify Kindt-Collins
Catalog #950-030867.

Model MT-400 — Dual Scale Lance Pyrometer

Features 0-2350°F and 0-1300°C temperature sensing range, an enclosed probe to sense the temperatures of a variety of non-ferrous molten metals, and extremely fast meter replacement. Also available as a portable pyrometer.

To order specify Kindt-Collins
Catalog #950-030864.

Model WM-1000 — Wall Mount Pyrometer

Features 0-2350°F temperature sensing range, NEMA 12 housing, on/off toggle switch controls, indicating alarm lights which can be set for high and low temperature ranges and 36" long lance with replaceable thermocouple tip.

To order specify Kindt-Collins
Catalog #950-030885.

To order please specify catalog number and quantity.

McEnglevan "Speedy-Melt" Furnaces



Economical to Operate

Standard Furnaces & Equipment

Pattern Shop Tools

Furnace illustrated is the B1500 with No. 1911 Turbo Blower.



- **Fast Melting:**
Melting speeds from cold start average 26-28 minutes for aluminum, 45 minutes for yellow brass and 45 minutes for Class 25 to 30 grey iron* (*in Models B-702 and B-1501).
- **Rugged Construction:**
Outer shell is reinforced with heavy steel rolled bars. Lid support ring is also roll formed bar. Steel legs provide air circulation beneath furnace.
- **High Alumina Section Lining:**
Pre-burned, backed with insulation. Withstands extreme temperatures and resists flaking and spalling resulting from rapid heating.
- **Gas Mixer:**
Utilizes natural or propane gas. Type of fuel gas can be changed as desired without change in mixer orifice or jets.

McEnglevan "Speedy Melt" Crucible Type Metal Furnaces are gas-fired, ruggedly built, flexible, versatile, and economical to operate.

They have an unusually wide melting range that covers practically all standard casting metals. Combustion safeguard systems are available as optional equipment; the industrial type ultra violet system is factory installed.

Furnaces are shipped complete with blower.

To order please specify manufacturer's model number, phase, voltage, and accessory package if required.

Mfr's. Model Number	Description	Capacity Per Melt (pounds)		Shipping Weight (pounds)
		Alum.	Brass	
B-160	Furnace with No. 1175 TURBO BLOWER: 3600 RPM, 60 Hz, 115/208-230 volt single phase or 208-230/460 volt three phase motor; No. 4UV Ultra Violet Safety System.	16	48	540
B-16/160P	Furnace accessory package: Includes No. 16 crucible; No. 16B tongs; No. S116SE shank; No. MT-400 pyrometer. Use with B-160 Furnace.			70
B-301	Furnace with No. 1610 TURBO BLOWER: 3450 RPM, 60 Hz, 115/208-230 volt single phase or 208-230/460 volt three phase motor; No. 4UV Ultra Violet Safety System.	30	90	915
B-300P	Furnace accessory package: Includes No. 30 crucible; No. 30B tongs; No. S230SE shank; No. MT-400 pyrometer. Use with B-301 Furnace.			70
B-702	Furnace with No. 1911 TURBO BLOWER: 3450 RPM, 60 Hz, 115/208-230 volt single phase or 208-230/460 volt three phase motor; No. 4UV Ultra Violet Safety System.	70	210	1250
B-700P	Furnace accessory package: Includes No. 70 crucible; No. 670B tongs; No. S670SE shank; No. MT-400 pyrometer. Use with B-702 Furnace.			144
B-1500	Furnace with No. 1911 TURBO BLOWER: 3450 RPM, 60 Hz, 115/208-230 volt single phase or 208-230/460 volt three phase motor; No. 4UV Ultra Violet Safety System.	150	450	1840
B-1501	Furnace with No. 1911 TURBO BLOWER: 3450 RPM, 60 Hz, 115/208-230 volt single phase or 208-230/460 volt three phase motor; No. 4UV Ultra Violet Safety System.	150	450	1840