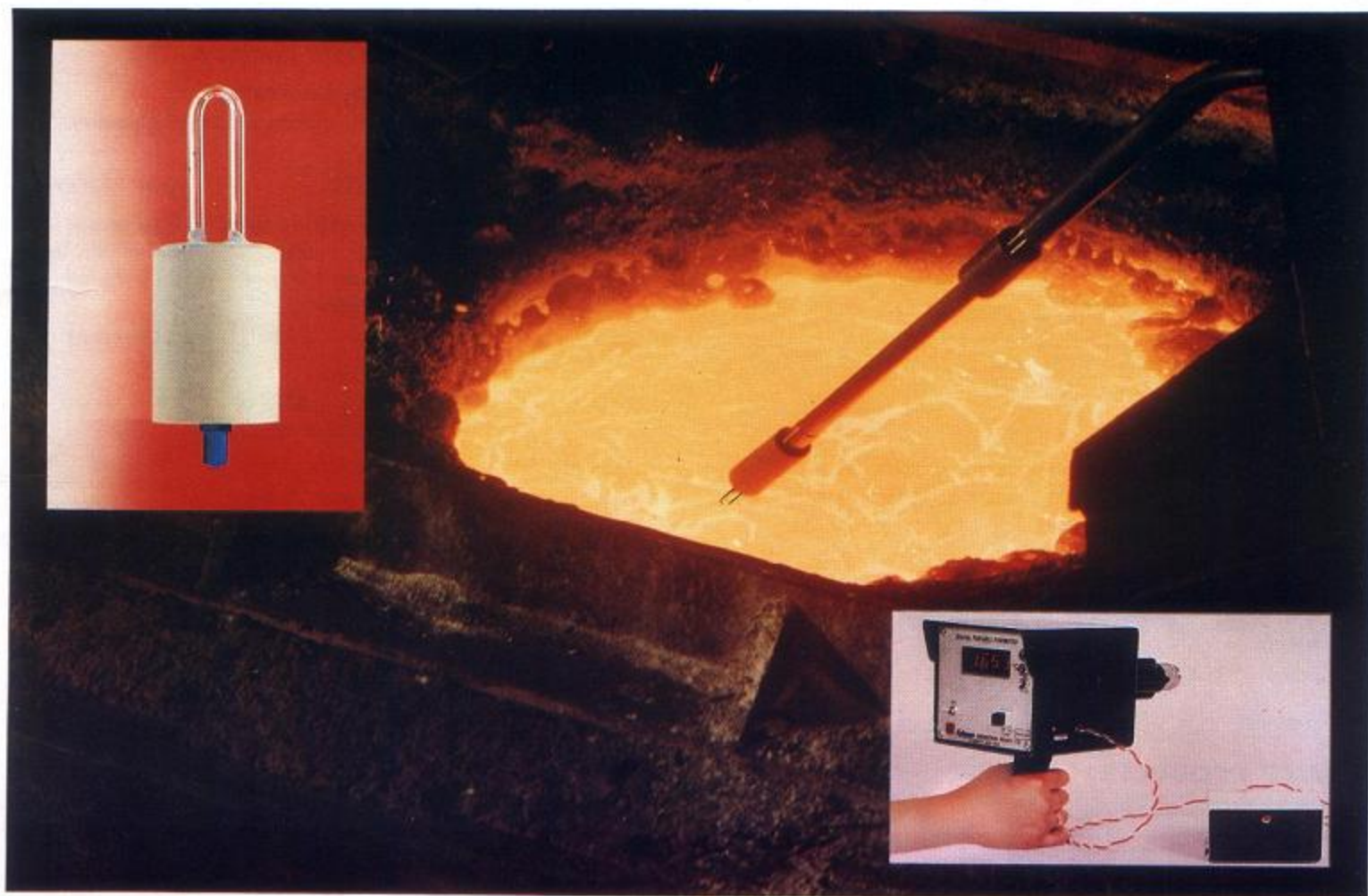




FONDTIP[®]

Highly Accurate and Versatile Repeat Use



THE ULTIMATE ANSWER TO

- ◆ Totally Splash Free
- ◆ Economy Oriented
- ◆ Multi Dip
- ◆ Foundry Needs

Ideal for induction furnaces, Ladles, Tundishes and streams

FONDTIP® is aimed at providing the ultimate answer to low cost temperature measurement and specially designed to suit foundry conditions.

Carefully chosen materials such as special high temperature Ceramic sleeve, extra long quartz sheath, precision thermocouple wires etc result in a product which is SAFE, VERSATILE, ACCURATE and HIGHLY ECONOMICAL.

Unlike conventional expendable thermocouples FONDTIP® does not need a paper sleeve. Also only the quartz sheath comes in contact with the molten metal. Hence FONDTIP® is a truly NON-SPLASH probe and has high intrinsic safety.

FONDTIP® is very versatile. It performs equally well in an induction furnace, a ladle, tundish or even in a metal stream.

High accuracy of the FONDTIP® is guaranteed by virtue of careful design and discerning choice of materials of construction. Accuracy of better than $1 \pm 2^\circ\text{C}$ is an assured quality.

FONDTIP® is very ECONOMICAL to use. By virtue of non combustible materials of construction the probe can be used repeatedly thus ensuring very low cost per measurement.

Wider applications

FONDTIP® is patently suited for precise probing in induction furnaces, Ladles, Moulds and Streams that had so far remained beyond the scope of a direct probe. FONDTIP® also comes in handy for Runners, Continuous Casting Tundishes – virtually for all applications where the slag is minimal – preferably nil-specially suitable for salt bath furnaces.

Accessories

FONDTIP® does not need special accessories. It snugly fits onto the FYKAYS MINILANCE assembled with FYKAYS MINI Receptacle. Other accessories like Compensating Cables, Polarised Cable Connectors etc. being standard items are available from stock.

Matching Combination

With all its sophistication the FONDTIP® forms an ideal combination with

FYKAYS DIGITAL PORTABLE PYROMETER (DPP) a portable, self contained, battery operated electronic unit described in detail in FYKAYS Literature.

Large spectrum of Applications

The following are some of the combinations of elements:

Temperature range	1100°-1750°C	400°C-1300°C
Metallurgy	Ferrous and Non-Ferrous Steels, Alloy Steels, Brass, Bronze, Copper and Cast-Irons etc.	Non-Ferrous Aluminium, Lead, salt bath, etc.
Elements	Pt. Pt. Rh-10% Pt. Pt. Rh-13%	Ni-Cr/Ni-Al

Calibrations BSS, DIN, NBS, IPTS or as per customers needs

Response time 1 second or less

Accuracy $\pm 2^\circ\text{C}$ at Palladium Point

FONDTIP® being light saves packing, freight and storage costs. It can be rushed by air in emergencies

Standard Packing : 200 Nos. per carton: Weight : 8kgs.

Dimensions : W-320mm L-320 mm H-300 mm

FYKAYS' PRODUCTS :

- THERMOTIP ● MINITIP ● ANSPLATIP ● FONDTIP ● DIGITAL PYROMETERS ● CARBOTIP FOR STEELS AND IRONS ● THERMOXYTIP ● OXY-COMP D ● OXY COMP G ● OXYCOMP AUTOMATIC O₂ ANALYSER IN STEELS ● IN-SITU OXY PROBES FOR COMBUSTION CONTROL AND HEAT TREATMENT FURNACES REGULATION ● OXYMONITORS FOR COMBUSTION & ATMOSPHERE CONTROL ● METALLIPOPS: SAMPLERS FOR METAL BATH, STREAMS, INGOTS, 2-IN-1, 3-IN-1, ETC ● VARIOUS TYPES OF THERMOCOUPLES ● VARIOUS TYPES OF PANEL INSTRUMENTS ● TEMPERATURE CONTROLLERS AND INDICATORS ● MICOUPLE AND MICAB ● DIGITAL INSTANT CALIBRATOR ● AND MANY MORE



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