



Thermotip[®]

**FAMILY OF HIGHLY VERSATILE, SPLIT-SECOND,
HIGH ACCURACY EXPENDABLE PROBES.**



- * HIGH INTRINSIC ACCURACY.
- * SUPER-FAST RESPONSE — ONE OF THE HIGHEST IN THE WORLD.
- * REPEATABILITY AND CONSISTENCY.
- * FACTORY CALIBRATED — JUST PLUG, IMMERSE AND READ.
- * ECONOMICALLY PRICED.
- * MINIATURE PROBES.
- * ANTISPLASH PROBES.
- * MULTIPURPOSE PROBES.
 - * TWO-IN-ONE — TEMPERATURE AND SAMPLE.
 - * TWO-IN-ONE — TEMPERATURE AND CARBON.
 - * THREE-IN-ONE — TEMPERATURE, CARBON AND SAMPLE.
- * NOW-FOR THE FIRST TIME IN INDIA
SUB-LANCE PROBES FOR MODERN OXYGEN STEEL MAKING

The Expendable Thermocouple is a very low cost and yet highly useful, versatile temperature measuring sensor for Ferrous and Non-ferrous molten metal application, for which it has no substitute.

SALIENT FEATURES include response time of less than 2 seconds, high intrinsic accuracy (better than $\pm 1^{\circ}\text{C}$ at Palladium point), reproducibility, light weight and easy operation. Being entirely factory assembled, calibrated and tested, the operator has to only

Range and Options :-

For Irons and Steels	
Pt-Pt. Rh 10% } Upto 1750°C	
Pt-Pt. Rh 13% }	
PtRh 6% — PtRh 30%)	Upto 1810°C
For Non-Ferrous Metals	
Ni-Cr-Ni-Al	Upto 1350°C



PLUG

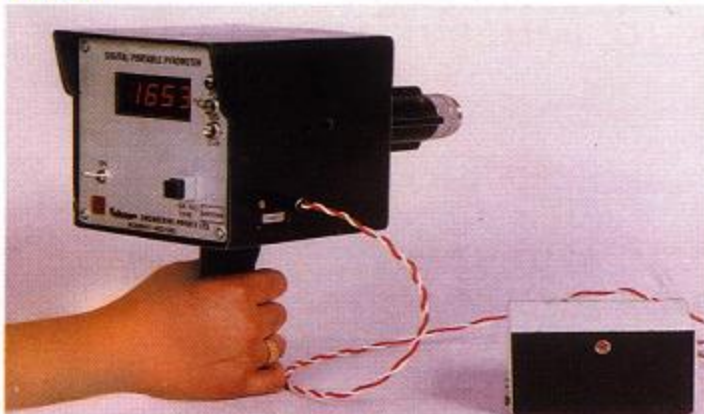


PLUG

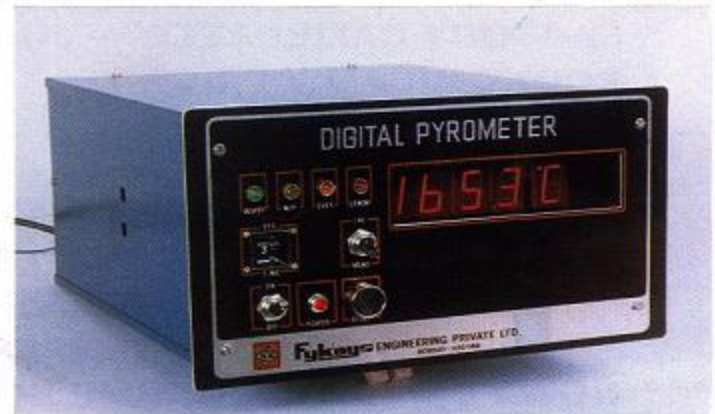
IMMERSE



READ



READ



Choice of papertubes :—

Although International choice is towards MINIATURISATION which has been introduced by FYKAYS in India, also available is the older version of paper tubes.

The two typical sizes are :—

18 x 32 x L mm

28 x 42 x L mm

Miniaturisation is available to you in the form of MINITIP and offers to you following advantages:—

- MINITIP** costs less
- MINITIP** is small in body.
- MINITIP** conforms to international practice.
- MINITIP** means smaller packing, lesser freight, reduced warehousing space and easy interdepartmental transfer.
- MINITIP** having narrower internal geometry fits on lighter lance for easier handling and proportionately lesser operator fatigue as well.

ANSPLATIP®

Since all paper material are hygroscopic, absorb and retain moisture resulting in splashing and spluttering when dipped into molten metal, FYKAYS offer yet another choice ANSPLATIP® for special applications like ladles, induction furnaces etc. In these applications, the normal papertube is covered additionally with non hygroscopic ceramic coating to reduce the splashing to minimum.

THE ULTIMATE

FONDTIP

TOTALLY non-Splash, Economy oriented reusable Expendable thermocouple tip ideal for small foundries, Stream temperature, Induction furnaces, ladles, etc. (Call for separate brochure).

TEMPERATURE-N-PRODUCTIVITY

Keeping up with modern metallurgical practices, FYKAYS now offer FOR THE FIRST TIME IN INDIA **SUB LANCE** Probes. **READ ON---**

High Speed, High productivity Steel making calls for ABSOLUTE minimal disruption in the process especially in UHP electric furnaces, BOF process etc. FYKAYS offer the most modern solution—SUB-LANCE PROBES. Made of sturdy design and materials of construction, these probes are capable of withstanding the traversing through the furnace atmosphere, the immersion and the reverse traverse and yet effectively and efficiently performing their function.

* LATEST

* TRAIL

* BLAZERS---

YET ANOTHER

FIRST

FROM

FYKAYS

MULTI PURPOSE

EXPENDABLES

What are the multi-purpose expendables?

These are a family of expendable devices for use in molten metal application. Designed to facilitate higher productivity, reduction in time and energy and human resources these combine two or even three applications in one probe so that the expenditure on human energy, time and loss of production is halved or even reduced to ONE-THIRD.

CONSIDER REPEATING THE OPERATION

- (a) Dipping a thermocouple tip
- (b) Spooning for sample
- (c) Spooning for rapid thermal analysis cup.

(CARBOTIP®)

during which period, the power is switched off, the

firing is reduced or the LD Converter remains tilted. Alternatively, VISUALISE a multiple probe to do all the above in ONE SINGLE OPERATION.

CHOICES AVAILABLE :

- * Temperature and Sample
 - * Temperature and Carbon
 - * Sample and Carbon
 - ** Temperature, Sample and Carbon
- Could you ask for more ? ? ? ?

Accessories:— All the above types of probes are backed by other products from FYKAYS. Digital bath temperature indicators (panel as well as battery operated) with alarm and memory • CARBOCOMP microprocessor based direct readout for %Carbon • Dual range instrument for Temperature and Carbon, Immersion lances, receptacles, Compensating cables, connectors, Signalling Systems, etc., etc. TURNKEY SYSTEMS ARE OUR SPECIALITY.

FYKAYS PRODUCTS :

THERMOTIP * MINITIP * ANSPLATIP * FONDTIP * DIGITAL PYROMETERS * CARBOTIP FOR C.I. * CARBOTIP FOR HYPER EUTECTIC C.I. * CARBOTIP FOR STEEL * CARBOCOMP AUTOMATIC CEV, C & SI ANALYSER FOR IRONS * CARBOCOMP AUTOMATIC C ANALYSER FOR STEELS * THERMOXYTIP * IN-SITU PROBES * OXYCOMP AUTOMATIC O₂ ANALYSER IN STEELS * OXYMONITORS FOR COMBUSTION & ATMOSPHERE CONTROL * METALLIPOPS: SAMPLERS FOR METAL BATH, STREAMS, INGOTS, 2-IN-1, ETC. * VARIOUS TYPES OF THERMOCOUPLES * VARIOUS TYPES OF PANEL INSTRUMENTS * TEMPERATURE CONTROLLERS AND INDICATORS * MICOUPLE AND MICAB * INSTAMETER INSTANT CALIBRATOR * AND MANY MORE.



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