

# SLIP MELTING POINT METER

by: SIEW WAI LIN, LEE CHAK KHIAM<sup>1</sup>, HARLINA DAMIRI<sup>1</sup>  
AND LOW KUM SANG<sup>2</sup>

JUNE 1999

**78**

PORIM TT No. 53

PORIM INFORMATION SERIES

ISSN 0128-5726

**S**lip melting point is a widely used parameter in the specification of oils and fats. It is normally determined by visual observation of a thermometer placed alongside the sample immersed in a water bath.

An automated instrument is now available for the rapid and accurate measurement of slip melting point of oil. The instrument automatically records the slip melting point, and displays and stores the data in a microcomputer for subsequent processing and analysis.



ISSN 0128-5726



Palm Oil Research Institute of Malaysia, Ministry of Primary Industries, Malaysia  
P. O. Box 10620, 50720 Kuala Lumpur, Malaysia. Tel: 03-8259155, 8259775. Homepage: <http://porim.gov.my> Telefax: 03-8259446  
1 Fotontec Sdn. Bhd.  
2 Universiti Malaya



## FEATURES

- Enables measurement of multiple samples simultaneously.
- Real time monitoring of water bath temperature and heating rate.
- Adjustable heating rate and temperature setting.
- Data logging and reporting.

## SPECIFICATIONS

Temperature range	20 - 70°C
Heating rate range	0 - 5°C/min
Number of samples	up to 6 samples
Dimension	43cmx16cmx22cm
Power	a.c. 240 V
Capillary tube size	Length: 75 mm I.D. : 1.1 - 1.2 mm

*Specifications and design are subject to change without notice*

For more information kindly contact:

Director-General  
PORIM  
P. O. Box 10620  
50720 Kuala Lumpur, Malaysia.

or

Fotontec Sdn. Bhd.  
No. 2, UM-MITDC Technology Innovation Centre,  
University of Malaya, Lembah Pantai  
50603 Kuala Lumpur, Malaysia  
Telephone: 603-7541078  
Facsimile: 603-7541079  
E-mail: leec@pc.jaring.my