

Digital Telethermometer

(Multichannel PC Based, Pharmacopoeia Protocol)

FOR MEASURING THE TEMPERATURE OF LABORATORY ANIMALS

The Digital Tele-Thermometer is ideal for continuous monitoring of temperature in laboratory animals for study and research in anesthesia, cardiac surgery, hyperthermia & pyrogen testing.



**Designed To Study
And Research In
Anesthesia, Cardiac
Surgery, Hyperthermia
& Pyrogen Testing.**



FEATURES:

- Facility to create different Pharmacopoeia protocols like USP, EP, JP, KP and BP.
- Facility to set Preliminary test and Main test protocols as per different Pharmacopoeias
- Fast response time, Highly accurate and reliable results
- Choice of 1 to 16 Channels (as per models)
- Password protected software and admin features
- Two Operating Modes: Normal Mode & Pharmacopoeia Mode,
- Normal Mode: Auto or manual options, Provision to add experiment name, Animal Type, Animal sex, No. of channel, Animal number, No. of Readings, Reading time.
- Pharmacopoeia Mode: Provision to add experiment name, selection of Pharmacopoeia standard, Animal Type, Animal sex, No. of channel, Animal number, No. of Readings, Reading time.
- Data can be exported to excel & Pdf file for further analysis
- Instrument calibration using external device & calibration report generation facility
- Group-wise or combined report in Pharmacopoeia mode and graphical presentation of data
- Limit of Variation provision: Alarms on crossing upper and lower set limits
- Sensor error option
- Each rabbit probe is supplied with specially designed Silicon ring for tying sensor with the rabbit tail

Rabbit Probe with specially designed silicon ring for tying sensor with Rabbit Tail:



SYSTEM SPECIFICATION AND MODELS:

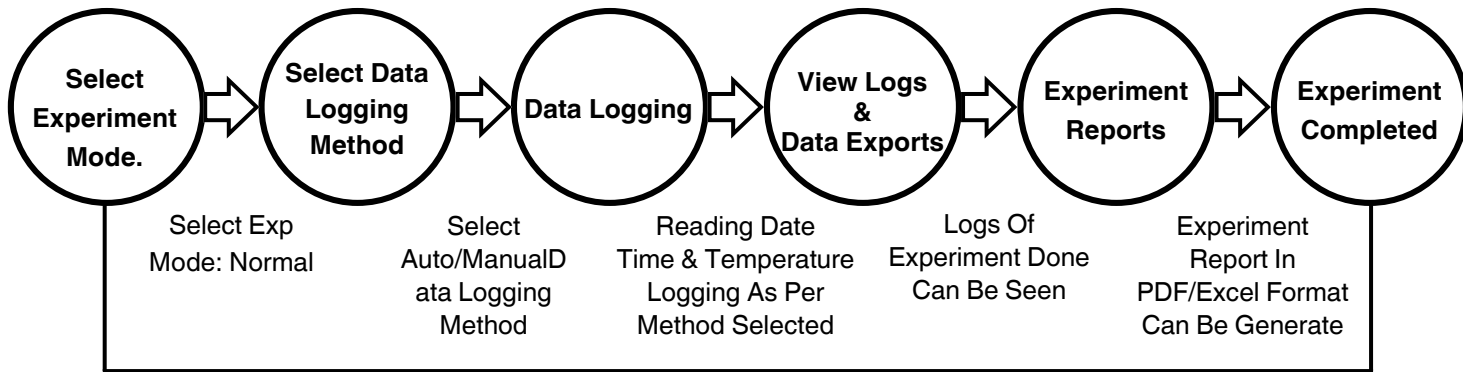
Model	Number of channels	Temperature range	Temperature Resolution	Temperature Accuracy
TERM-8 Plus	8	0 ° to 60° C	0.01 ° C	±0.1° C
TERM-16 Plus	16	0 ° to 60° C	0.01 ° C	±0.1° C
Optional	Tip diameter	Cord length	Connector type	
Temperature probe for mice	1.5mm	3.0 meter	6.3 mm Jack Connector	
Temperature probe for rat	3.2mm	2.5 meter	6.3 mm Jack Connector	
Temperature probe for rabbit	4mm	2.5 meter	6.3 mm Jack Connector	

ORDERING INFORMATION:

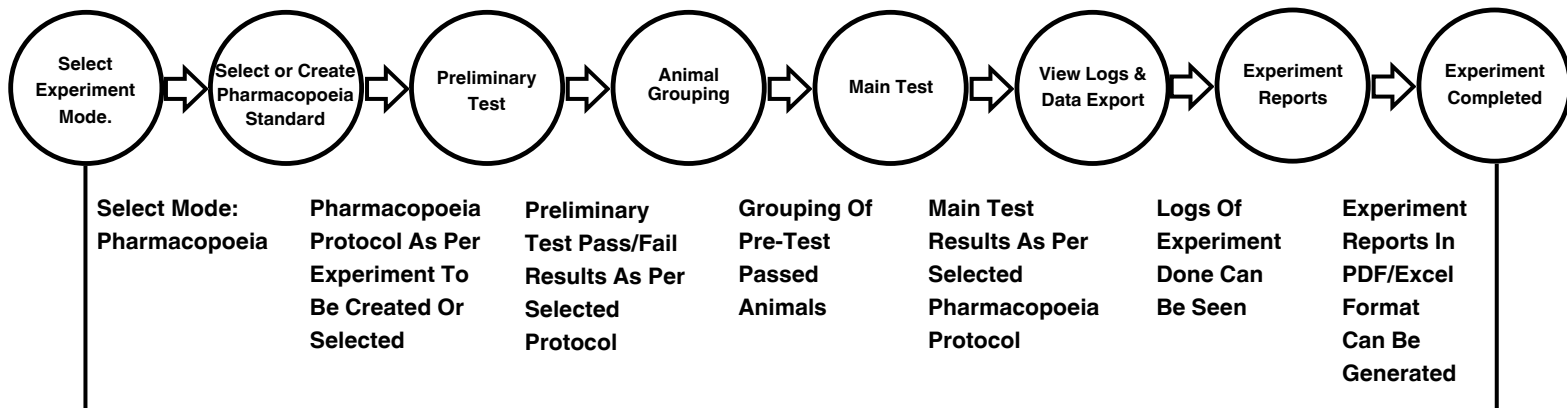
Model	Certifications	Power requirements	Accessories Supplied	Optional
TERM-8 Plus	CE Compliant	220/230V AC 50Hz or 110/120V AC 50-60Hz*	<ul style="list-style-type: none"> Control unit IQ, OQ Validation documents Supplied with Silicon rings for tying rabbit temperature probe with rabbit tails 	Temperature probe for rat & rabbit
TERM-16 Plus	CE Compliant	220/230V AC 50Hz or 110/120V AC 50-60Hz*	<ul style="list-style-type: none"> Control unit , IQ, OQ Validation documents, Supplied with Silicon rings for tying rabbit temperature probe with rabbit tails 	Temperature probe for rat & rabbit

*Needs to be specified in order information

Normal Mode



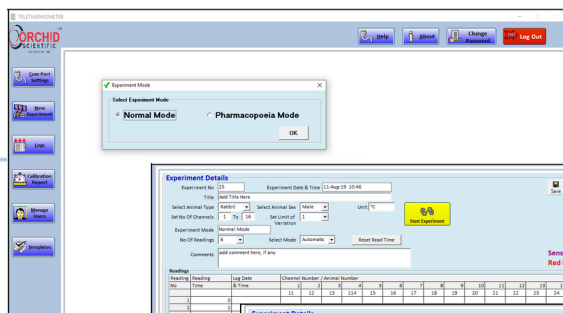
Pharmacopoeia Mode



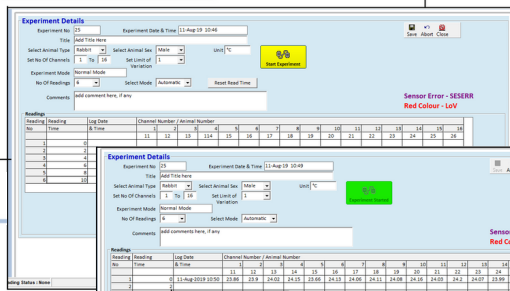
***Note:** Orchid's continuing product development makes specifications subject to change without prior notification.

NORMAL MODE:

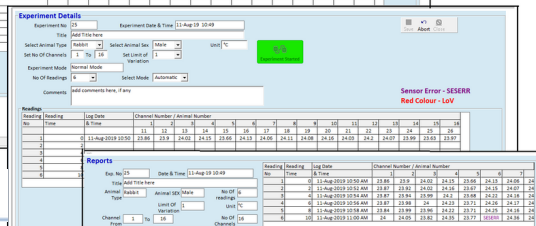
Select Experiment Mode



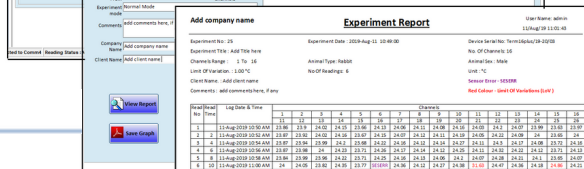
Select Data Logging Method - Auto/Manual



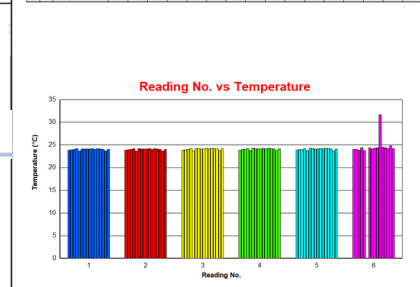
Data & Temp. Log as per selected method



View Logs & Data Export



Experiment Report



PHARMACOPOEIA MODE:

Select or Create Pharmacopoeia Protocol

Preliminary Test with Pass or Fail Details

Grouping of Animals

Main Test with Pass or Fail Details

View Logs & Data Export

Experiment Report

The screenshots illustrate the software's workflow. It starts with selecting a protocol, followed by setting up experiment details like animal groups and preliminary tests. The main test phase involves recording data for multiple animals, which is then summarized in a report. The report includes a table of results and a graph showing the response over time.

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Orchid Scientific & Innovative India Pvt. Ltd.

B-59, M.I.D.C., Ambad, Nashik - 422010, India.

+91253-2387600, 2972525

office@orchidscientific.com, exports@orchidscientific.com

www.orchidscientific.com



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