



National Metrology Institute of Japan



**Clinical electrical thermometers
with maximum device
: Pattern evaluation report**

Project number :
Test report number : R115/1995- -
Issuing authority : **National Metrology Institute of Japan**
1-1, Umezono, 1-chome, Tsukuba - shi,
Ibaraki 305-8563, Japan
Applicant :
Manufacturer :
Date of application :
End of evaluation :
Date of issue :
Signature :



Test Report for OIML R115/1995

Testing laboratory

Name:

Address:

Person responsible:

Applicant

Name:

Address:

Manufacturer of the certified pattern

Name:

Address:

Identification of the certified pattern:

- types of probes and characteristics,
- measuring range,
- specification of the battery.
- probes number of samples tested.

Dates of beginning and end of test

Information and identification

Operating manual and other documents submitted for the evaluation have clear and complete instructions: Yes _____ No _____

Comments (including a list of the documents provided by the manufacturer): _____

Markings: Pass: _____ Fail: _____

Summary of tests carried out as specified in 7.1.2, and conditions specified in this International Recommendation

Probes (at least ten probes shall be tested)

- Long-term thermal stability:

Probe number	Change in indicated temperature

Pass: _____ Fail: _____

- Electrical insulation and water tightness:

Pass: _____ Fail: _____

- Location of sensor:

Pass: _____ Fail: _____

Indicating unit

- Maximum permissible errors:

Simulated temperature	Indicated temperature	Difference of temperature

Pass: _____ Fail: _____

- Dissipation power provided for probe: _____ mW

Pass: _____ Fail: _____

- Display of digital indicating device:

Pass: _____ Fail: _____

- Self-checking device (with description of test method):

Pass: _____ Fail: _____

- Means for indicating that thermometer is out of its measuring range:

Pass: _____ Fail: _____

- Display of predicting thermometer:

Pass: _____ Fail: _____



Complete thermometer

- Maximum permissible errors :

Sample number	Temperature of bath	Indicated Temperature	Difference of temperature

Pass: _____ Fail: _____

- Nominal battery voltage: _____ V

- Lower limit of battery voltage specified by the manufacturer: _____ V

Pass: _____ Fail: _____

- Low-voltage indication of battery:

Pass: _____ Fail: _____

- Cleaning and disinfecting:

Pass: _____ Fail: _____

- Ambient temperature:

Pass: _____ Fail: _____

- Thermal shock:

Pass: _____ Fail: _____

- Storage temperatures:

Pass: _____ Fail: _____

- Humidity:

Pass: _____ Fail: _____

- Electromagnetic radiation interference (IEC60601-1-2) :

Pass: _____ Fail: _____

Interchangeable probes submitted for approval without an indicating unit.

Perform all tests indicated in C.10.1 and in addition the following:

- Maximum permissible errors:

Probe number	Temperature of bath	Indicated Temperature	Difference of temperature

Pass: _____ Fail: _____

- Electrical contact resistance of the connector:

Pass: _____ Fail: _____

- Cleaning and disinfecting:

Pass: _____ Fail: _____

- Stability with changes in temperature of the cable (values shall be calculated using the temperature coefficient of the electrical conducting material of the cable):

Pass: _____ Fail: _____

- Mechanical shock:

Pass: _____ Fail: _____

- Water resistance:

Pass: _____ Fail: _____

Description of any other tests applied and their results

The samples tested conform the requirements of this International Recommendation and are suitable for the designated application.

Signature

****_**_** (Date)

No.