

# EU-TYPE EXAMINATION CERTIFICATE


## Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

- EU-Type Examination Certificate Number:** ITS19ATEX205407X      **Issue 00**
- Product:** Digital Reference Thermometers (TL3-A, TL3-W, TL3-R)
- Manufacturer:** Thermoprobe Inc.
- Address:** 112A Jetport Dr., Pearl MS 39208, U.S.A.
- This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II of the Directive.
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0: 2018 and EN 60079-11: 2012 except in respect of those requirements referred to within item 14 of the Schedule.
- If the sign "X" is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
- This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- The marking of the product shall include the following:



II 1 G Ex ia IIC T4 Ga  
-20°C ≤ Ta ≤ +40°C

**Certification Officer:** \_\_\_\_\_

  
Kevin J. Wolf

**Date:** \_\_\_\_\_

22 April 2020

## SCHEDULE:

EU-Type Examination Certificate Number: ITS19ATEX20540X

### 11. Description of Equipment or Protective System

Thermoprobe models TL3-A, TL3-W, TL3-R are digital reference thermometers that are portable, and battery powered. These models use stainless steel sensors and incorporate static dissipative plastic housing made of RTP 199 X 144647 B Polypropylene (PP). Batteries used to power these models are Duracell DL2032 and Panasonic CR2032 (for TL3-A), and Duracell MN2400 and Panasonic LR03XWA (for TL3-W and TL3-R). Two batteries are used for a 3V nominal voltage for TL3-W and TL3-R models and one coin-cell battery is used for 3V nominal voltage for TL3-A model.

Temperature is displayed on the LCD screen which can be viewed from the front face of the enclosure.

### 12. Report Number

Intertek Report: 104027334DAL-002 dated: February 5, 2020.

### 13. Special Conditions of Certification

#### (a). Special Conditions of Use

- The following metal parts have a capacitance in excess of 3pF, are isolated from ground and may pose a potential electrostatic charging hazard: (Metal probe - 19.5pF)

#### (b). Conditions of Manufacture - Routine Tests None.

### 14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report: 104027334DAL-002 dated: February 5, 2020.

### 15. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
SAFETY INSTRUCTIONS – TL3-A, TL3-W & TL3-R	--	042020	04/2020
TL3 Ex Label	TL3-EXLBL-006-CD	2	04/15/20
TL3R or TL3W Assembly	TL3R-ASSY-007-CD	1	12/6/19
TL3A Assembly	TL3A-ASSY-001-CD	1	12/6/19
TL3 Temperature Sensor	TL3-RTD-008-CD	0	4/24/18
C18 Board Layout	C18-LYT-001-CD	0	5/1/2019
C18-BRD	C18-BRD-001-CD	1.3	4/15/2020
TL3-A, TL3-W & TL3-R C18-BRD	C18-BOM-001-CD	2	04/15/2020