

# ATLC1598



## Folding Probe Thermometer

Product Code: ATLC1598



Compliance with confidence

t/ +44 (0)1473 461 800  
e/ [service@klipspringer.com](mailto:service@klipspringer.com)

[www.klipspringer.com](http://www.klipspringer.com)

**Klipspringer Ltd**  
Rynor House, Farthing Road, IPSWICH, UK, IP1 5AP

*This page is intentionally left blank.*

# TABLE OF CONTENTS

1.	INTRODUCTION .....	4
2.	CAUTION .....	4
3.	OPERATION .....	5
4.	BATTERIES .....	5
5.	CARE AND MAINTENANCE .....	6
6.	TROUBLESHOOTING .....	6
7.	SPECIFICATIONS .....	6
8.	DISPOSAL .....	7
9.	ASSURANCE .....	7

## **1.0 INTRODUCTION**

- 1.1 Congratulations on your purchase of this folding probe thermometer.
- 1.2 Powered by a replaceable lithium battery, the thermometer is a handy, temperature measurement device for a whole range of measurement and control applications.
- 1.3 The strong fixed probe folds neatly alongside the instrument rendering it safe to carry, demonstrating good practice in Health & Safety.
- 1.4 This instrument has a highly efficient battery life of approx. 4 years.
- 1.5 Before you use this product, please make sure you read this instruction manual carefully.
- 1.6 Following and respecting the instructions in your manual will prevent damage to your instrument and loss of your statutory rights arising from defects due to incorrect use.
- 1.7 Likewise, we take no responsibility for any incorrect readings or for any consequences resulting from them.
- 1.8 We shall not be liable for any damage occurring as a result of not following these instructions.
- 1.9 Please take particular note of safety advice.
- 1.10 Please keep this instruction manual for future references.

## **2.0 CAUTION**

- 2.1 This product is exclusively intended for the field of application described. It should only be used as described within these instructions.
- 2.2 Unauthorized repairs, modifications or changes to the product are prohibited as this will compromise the performance of the unit.
- 2.3 Keep the instrument and the battery out of reach of children.
- 2.4 Batteries contain harmful acids and may be hazardous if swallowed. Batteries must not be thrown into the fire, short-circuited, taken apart or recharged. Risk of explosion!

- 2.5 Low batteries should be replaced as soon as possible to prevent damage caused by leaking. Wear chemical-resistant gloves when handling leaking batteries.
- 2.6 Do not place the unit near extreme temperatures, vibrations, or shocks.
- 2.7 Only the probe is heat resistant up to 70°C
- 2.8 Do not immerse the display unit in water. Water can penetrate and cause malfunction.

### **3.0 OPERATION**

- 3.3 Press the ON/OFF button to switch the instrument on and off.
- 3.4 The instrument displays '8888', this is an internal electronics check.
- 3.5 The instrument then displays '38.8'. This function is an internal calibration check.
- 3.6 When the instrument is not in use, it will automatically switch off after 2 hours also in unfolded state. To activate the instrument again, fold in the probe for 4 seconds and fold it out again. The unit is ready for use.

### **4.0 BATTERIES**

- 4.1 For maximum battery life, it is recommended to press the "ON/OFF" button to switch the instrument off when not in use.
- 4.2 When the battery is nearing the end of its life, the low battery icon appears.
- 4.3 Open the battery cover on the rear of the instrument, insert a new battery CR2032 3V Lithium and tighten the cover again.

## 5.0 CARE AND MAINTENANCE

- 5.1 Clean the device with a damp cloth.  
Do not use any solvents or scouring agents.
- 5.2 Remove the battery if the device will not be used for an extended period of time.
- 5.3 Store the instrument in a dry place.

## 6.0 TROUBLESHOOTING

No display	Ensure battery polarity is correct (+ pole face up)
	Change the battery
	Switch the instrument (ON)
Incorrect display	Change the position of the probe in the sample.
	Change the battery

## 7.0 SPECIFICATIONS

Accuracy	±0.3°C
IP rating	IP54
Probe dimensions	105 x 3.0mm
Sensor	Pt1000
Warranty	2 years
Operating Ambient (Temperature)	0°...+50°C
Resolution	0.1°C
Measuring range	-50...200°C
Probe type	Folding penetration
Battery life	4 years
Certification	Free issue certificate supplied
Resolution	0.1°C

## **8.0 DISPOSAL**

This product has been manufactured using high-grade materials and components which can be recycled and reused.

- 8.1 Never dispose empty batteries and rechargeable batteries in household waste. As a consumer, you are legally required to take them to your retail store or to appropriate collection sites depending to national or local regulations in order to protect the environment.
- 8.2 The symbols for the heavy metals contained are: Cd=cadmium, Hg=mercury, Pb=lead.
- 8.3 This instrument is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE).
- 8.4 Please do not dispose of this instrument in household waste.
- 8.5 The user is obliged to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally compatible disposal.

## **9.0 ASSURANCE**

- 9.1 With considerate use and Klipspringer's support, the unit will give years of accurate service. We recommend annual recalibration in Klipspringer's UKAS accredited calibration laboratory.

