ATLC300

LAZATHERM 300

Product Code: ATLC300

Klipspringer
Compliance with confidence

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1.0 INTRODUCTION

1.1 Congratulations on your purchase of your ATLC300 thermometer from Klipspringer. With considerate operation it should provide accurate and stable measurements for a long time to come.

1.2 All temperature readings, fault detections, functions etc will display clearly on the LCD screen.

1.3 A replaceable lithium battery provides approximately five years of reliable operation.

2.0 CAUTION

The thermometer must be protected from:

2.1 Electrostatic discharge

2.2 Thermal shock caused through sudden extreme ambient temperature changes. Allow instrument to stabalise for up to 30 seconds when affected or when moving into extreme changes in ambient temperatures.

2.3 Contact or close proximity to high heat sources.

3.0 OPERATION

3.1 The default unit of measurement is degrees Celcius (ºC). [Can be changed to Farenheit – please contact the Klipspringer support team.]

3.2 To switch ON swing the foldable probe out greater than 20ºC.

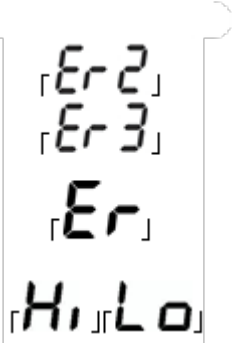
3.3 Power off, the thermocouple probe swings back to switch off.

4.4 Magnetic, attach to metal surface for easy storage.

4.0 TEMPERATURE MEASUREMENT

4.1 Ensure that the thermometer probe is inserted to a preferred depth of 25mm into the medium and that contact is maintained until readings become stable.

5.0 MALFUNCTION INDICATORS



5.1 'HI' display: temperature measured is above range.

5.2 'Lo' display: temperature measured is below range.

5.3 'Er2' display: The thermometer is exposed to rapid changes in the ambient temperature.

5.4 'Er3' display: when the ambient temperature exceeds 0 ºC (32ºF) or + 50ºC (122ºF). The thermometer should be allowed plenty of time (minimum 30 minutes) to stabalise to the working temperature.

5.5 'Er' for all other error messages it is necessary to reset the thermometer. To reset, turn the instrument off, remove the battery and wait for a minimum of one minute, reinsert the battery and turn on.

5.6 Contact our technical helpline if diagnosis is not clear.

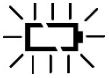
6.0 BATTERIES

6.1 The lithium battery has an expected lifespan of up to five years allowing for two hours continuous use each day.

6.2 The battery symbols indicate power status.


Battery operational


Battery operational


Battery needs to be replaced

6.3 For best results, return instrument to Klipspringer Service Centre for battery replacement and service check. NB Battery is welded into thermometer circuitry and is not suitable for 'diy' replacement.

7.0 TECHNICAL DATA

Measuring range	-50...+350°C
Accuracy	±0.5°C
Resolution	0.1°C
Operating range	0...+50°C
Battery	Lithium type CR2032
Battery life	100 hours of continuous use
Sensor type	Pt1000
Auto power-off	Swing back probe for power off
Dimensions	150x54x18mm
Weight	Approx. 76grams

8.0 FUNCTION MENU

8.1 To change any of the below please contact our technical team on +44 (0)1473 461 800 or service@klipspringer.com.
ºC / ºF

9.0 SERVICE

9.1 For service and repairs please send the unit to the address below in the box provided for your use. DO NOT attempt to open the case. The instrument contains delicate electronic components and opening the case may invalidate your warranty.

10.0 CLEANING

10.1 Cleaning is best performed by wiping with a soft cloth and mild soap solution. Do not use solvents.

11.0 CALIBRATION

11.1 In order to guarantee optimum precision, we recommend that this instrument should be calibrated each year.

11.2 Klipspringer will automatically notify you of the due date for calibration.

11.3 The thermometer will be returned within one week accompanied by a certificate of calibration.

11.4 Klipspringer is a UKAS accredited laboratory for temperature calibration (0764) in accordance with BS EN ISO/IEC 17025. This service is provided to cover almost any probe hand-held thermometer currently in use.

12.0 ASSURANCE

12.1 With considerate use and Klipspringer's support, this unit will give years of accurate service.