

## SPECIFICATION (S0118) Lazascan205

### IRLS205 - Lazascan205 - Infrared thermometer

#### Product Description

Hand held infrared thermometer for non-contact temperature measurement with rubberised housing which enhances the grip and ease of use. Water resistant housing within integral one-piece trigger, which makes the instrument a food environment friendly design.

Twin beam laser guide enables operator to control the sample area size, thereby facilitating a more accurate and reliable reading.

Fixed emissivity and LED settings held you deliver more consistent results.



#### Technical Data

Range	-60°C to +550°C
Accuracy	±2.0°C or 2% (greater of)
Display Resolution	0.1°C (-60°C to +200°C), 1°C (200°C +)
Response time (95%)	Approx. 1 second
Emissivity	0.95
Distance:Spot	12:01
Focal Point	300 mm
Laser	<1mW Laser Class IIa
Protection	Splash proof IP54 (includes protection bag)
Battery	2 x 1.5v AAA (batteries included)
Battery life	20 hours with 50% laser and backlight; 40 hours laser and backlight off
Dimensions	180g; 144 x 117 x 44 mm
Warranty	1 year
Certification	Conformity certificate included (non-traceable)
Note	Under the electromagnetic field of 3V/m from 200 to 700 MHz, the maximum error is 5°C. The thermometers will automatically shut off if left idle for more than 15 seconds.

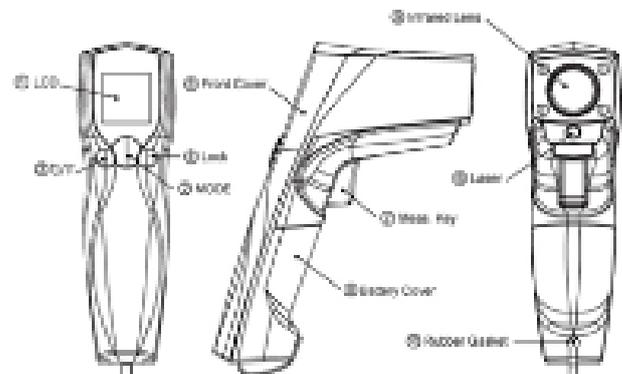
#### Direction for use

Place the batteries by removing the battery cover 8.

Simply aim the thermometer at the item to be measured and press Meas. key to display the surface temperature. Distance spot is 12:1 so make sure target area is within the field of view



(Default Screen)



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## Storage and Cleaning

The device should be stored at room temperature. The sensor lens is the most delicate part of the thermometer. The lens should be kept clean at all times, care should be taken when cleaning the lens using only a soft cloth or cotton swab with water or medical alcohol, allowing the lens to fully dry before using the thermometer. Do not submerge any part of the thermometer.

## Warnings

When device is in use, **DO NOT** look directly into the laser beam – permanent eye damage may result

Use extreme caution when operating the laser

Never point the device towards anyone's eyes

Keep put of the reach of children.

## LCD Error Messages

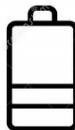
	<p>“Hi” or “Lo” is displayed when the temperature being measured is outside the settings of HAL and LAL</p> <p>“Er2” is displayed when the thermometer is exposed to rapid changes in ambient temperature</p> <p>“Er3” is displayed when the ambient temperatures exceed 0°C or +50°C. The thermometer should be allowed plenty of time (min 30 minutes) to stabilised to the working / room temperature.</p> <p>Error 5-9, for all other errors messages it is necessary to reset the thermometer. To reset, turn the instrument off, remove the batteries and wait for approx. 1 minute. Reinsert the batteries and turn on. If the error message remains, please contact the Klipspringer Service Department for further assistance.</p>
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## Batteries

The thermometer incorporates visual low battery indication as follows:



Battery OK  
(measurement possible)



Battery Low. Needs replacing, measurement still possible



Battery exhausted  
Measurements are not possible

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