



Comark Handheld Thermometers

C11 HACCP range, C20 and Catercheck 3

Operator Manual

Description

The C11 and C20 series thermometers have a high strength, polycarbonate case with rubber over moulding to provide durability and protection against dust and water ingress

The Catercheck 3 is based on the C20 but has a fixed probe.

C11 HACCP Range

The C11 thermometer range is available in 5 standard HACCP colours.

C11R – Red
C11Y – Yellow
C11O – Orange
C11B – Blue
C11G – Green

Each C11 thermometer comes complete with a PX11B penetration probe colour coded to suit.

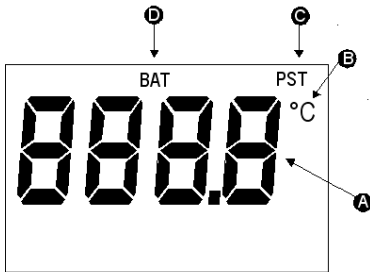
PX11BR – Red probe
PX11BY – Yellow probe
PX11BO – Orange probe
PX11BB – Blue probe
PX11BG – Green probe

An air probe range is also available.

AX11BR – Red probe
AX11BY – Yellow probe
AX11BO – Orange probe
AX11BB – Blue probe
AX11BG – Green probe

To order please contact Comark or your local distributor.

Overview of Display Symbols



- A – Main Display for Temperature
- B – °C Indicator
- C – Sensor Type – PST (Thermistor)
- D – Low Battery Indicator

Connecting Probes to the Thermometers

The C11 and C20 thermometer have sockets for probe connection of Thermistor probes.

Switching On and Off



The single 'ON/OFF' button on the keypad is used to switch on the thermometer. After a short pause the display will show the model of the instrument and will then revert to normal temperature display.

Auto Switch Off/Power Saving Mode

C11 and C20 series thermometers have auto-switch off feature. This is set to 3 minutes.

Care of the Thermometer

C11 and C20 series thermometers are dust and waterproof as stated in the specifications and will withstand harsh environments. Use a damp cloth or warm soapy water to remove deposits and prevent them from hardening or becoming sticky. Do not use solvent-based cleaners or methylated spirit, etc.

C20

In particularly harsh environments care should be taken to clean the Lumberg probe connector regularly. This should ensure it does not become difficult to remove the probe from the thermometer. The probe should be removed from the instrument as frequently as necessary, the thread then cleaned and lubricated with food safe oil.

Caution: Do not place any C11 or C20 series thermometers in a dishwasher.

Changing the Batteries

The symbol BAT appears on the display when the battery voltage has reduced. Battery replacement is recommended at this time.

To replace the battery, remove the battery cover retaining screw on the rear of the instrument, using the correct size screwdriver. Remove the two cells, and replace with alkaline cells only. Be careful to observe the correct polarity. Take care not to over-tighten the screw when refitting the cover.

Note: The C11 and C20 series thermometers will not work if the battery compartment is incorrectly fitted or missing. In this instance the display will show 'OPEN'. Please note the small pip on the inside of the battery cover, which must fit into the hole provided in the back of the case.

Specifications for C11, C20 and Catercheck 3

Sensor	Thermistor 10 K Ohms uni-curve
Connector	C11: 3.5mm Jack C20: 6-pin Lumberg
Measurement Range	-40°C to +125°C
Scale	°C
Displayed Resolution	0.1°
System Accuracy at 23°C	±0.5°C -20°C to +70°C
Ambient Temperature Range	-20°C to +50°C operating
Display	4 digit 12.5 mm LCD
Battery	Two of type I.E.C. LR6 Size AA
Battery Life (continuous)	up to 14000 Hours

Environmental Protection

C20	Certified IP67, BS 60529, IEC 529
Catercheck 3	Not Certified
C11	Not Certified
EMC Emission	Tested to EN61326-1 Criteria B Performance

Dimensions (Excluding Probe)

Length	152mm/6 inches
Width	58mm/2.3 inches
Depth	22/27mm/0.9/1.1 inches
Weight	178g/6.3 ozs

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