

TQC CURVEX 3 STANDARD OVEN LOGGER / - KIT
CX3015, CX3020

DATASHEET

PRODUCT DESCRIPTION

The CurveX 3 Standard offers easy-to-use, high quality temperature data logging for paint curing ovens. Measurements, analysis levels and report options are fully customizable to provide you with tailor-made information on the quality of your curing processes. The data logger is fitted with a large full-colour touchscreen for easy menu-driven operation and quick display of measurement results. The logger has 6 channels and a total memory of 250000 measuring points.

TQC's Ideal Finish Analysis data analysis software allows you to analyze the logged data and create detailed reports. These advanced features, together with a wide range of display and printing options, makes CurveX 3 Standard the most flexible temperature data logging solution available, excellently suited for both field use and laboratory conditions.



The CurveX 3 Standard Oven logger Kit also contains an insulation box with heat sink. Just add the desired magnetic or clamp-type probes to make the oven logger kit complete.

BUSINESS

Automotive, coating industry, laboratory

FEATURES

- Easy-to-use
- Large full-colour touchscreen
- Menu-driven operation
- High quality temperature data-logging
- Measurements, analysis levels and report options fully customizable

SCOPE OF SUPPLY**CX3015 Curvex 3 Standard Oven logger**

- CurveX 3 Standard Oven logger
- USB cable
- USB charger
- Ideal Finish Software License Key
- USB stick with Ideal Finish Analysis Software
- Probe ID-kit
- Calibration certificate
- Manual CurveX 3 Standard
- Small protective case

CX3020 CurveX 3 Standard Oven logger Kit

- CurveX 3 Standard Oven logger
- USB cable
- USB charger
- USB stick with Ideal Finish Software
- Ideal Finish Analysis Software License Key
- Probe ID-kit
- Calibration Certificate
- Manual CurveX 3 Standard
- Manual Ideal Finish Analysis
- Plastic carrying case
- CX2005 Insulation Box
- CX2011 Heat Absorber

ORDERING INFORMATION

CX3015	CurveX 3 Standard Oven logger
CX3020	CurveX 3 Standard Oven logger Kit

ACCESSORIES

Various insulation boxes and a wide range of temperature probes.

SPECIFICATIONS

Channels:	6x thermocouple K type input
Measuring range :	0 to 800 °C, 0 to 1472 °F
Accuracy:	± 0.5 °C / 0.9 °F (static), ± 1 °C / 1.8 °F (dynamic)*
Resolution:	0.1 °C / 0.2 °F
Memory:	10 blocks with 25000, or 1 block with 250000 readings.
Interface:	USB-A data transfer to memory stick USB-B data transfer to TQC Ideal Finish Analysis and battery charging
Sample interval time:	1 to 3600 s
Languages:	English, French, Spanish, Italian, Dutch, Korean, Japanese
Display:	3.5 inch, 240 x 320 pixel, 262K colour TFT LCD with touch screen
Power supply :	Lithium Polymer rechargeable battery
Battery life:	continuous use 4 hours, standby or logging 11 hours
Dimensions (HxWxD):	108 x 90 x 35 mm / 4.3 x 3.5x1.4 in.
Weight:	425 g / 15 oz.
Material:	Aluminum housing with protective sleeve

*dynamic specifies the accuracy when running through an oven and the instrument heats up gradually.

SPECIAL CARE

- Though robust in design, this instrument is precision-machined. Never drop it or knock it over
- Always clean the instrument after use.
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means such as a wire brush or abrasive paper. This may cause, just like the use of aggressive cleaning agents, permanent damage.
- Do not use compressed air to clean the instrument.
- Always keep the instrument in its case when not in use.
- We recommend annual calibration

SAFETY PRECAUTIONS

- Do not exceed the specified time at temperature limits in order to protect the equipment.
- Maintenance and inspection should be carried out at the correct intervals
- Operating personnel should be informed before starting with maintenance or repair work
- Do not open the instrument. In case of malfunction always consult the manufacturer.

Batteries In Carry-On Baggage (Aircraft Cabin)

The battery employed in our CurveX 3 Standard is a generic single cell Lithium-Ion battery, 3.7V 2700 mAh. The battery employed in the CurveX 3 Standard has a capacity of 9.99 Watt-hours, and is rated for low-power use only. A protection circuitry has been applied to the CurveX 3 Standard mainboard as per best practice.

Based on US DOT regulations (49 CFR, Sec. 175.10), the CurveX 3 Standard battery satisfies all demands, most notably:

- The battery is non-replaceable for the end user and therefore does not classify as 'spare'
- The battery is rated below 100 Watt-hours per battery
- The battery is protected from damage and short circuit

The battery is assembled into an end product and classified to be freely transported on aircraft both in carry-on and check-in luggage. When carried-on, please keep the provided product documentation with the device in order to be able to provide regulatory agencies relevant information about your device when requested.

DISCLAIMER

The right of technical modifications is reserved.

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.