**Unit no. 252221**

IKM Testing AS

# DATA LOGGER DIGITAL CRYSTAL NVISION

## *Dimensions*

Length(mm).....: 178 Width(mm).....: 58 Height(mm).....: 110
Weight (kg).....: 1

## *Area of use / certification*

Onshore/offshore.....: Offshore
Standard.....: ATEX, IECEx instrinsically safe. IP67 enclosure

## *Type*

Fabricator.....: Crystal Engineering Corporation
Model.....: nVision
Serial no.....: 252221

## *Flow / Pressure / Volume*

P-max (bar).....: 700
Minimum temp. (GrC).....: -40
Max temp. (GrC).....: 75

## *Power supply*

Battery.....: Four size AA (LR6) batteries. Non rechargeable. Estimated life 200 hrs

## *Connections*

Inlet connection.....: Medium pressure Female (MPF) 1/4"

## *Additional information*

Equipment / Functions.....: No need to stop a test to analyse data on PC.
Live data can be displayed graphically, with the ability to zoom into specific events, or zoom out to get a big picture og your test.

Operating ambient temperature: -20grC -> +50grC

ACCURACY:
Pressure: 0,1% of reading
Temperature: +/-0,015% of reading + 0,02 ohm

- Calibrate pressure transducers, switches, transmitters and gauges
- Calibrate natural gas correctors and flow computers
- Pressure relief valve testing
- Field datalogging of pressure and temperature
- Record water hammer events
- Leak testing with simultaneous graphing of pressure and temperature
- Temperature monitoring and recording
- Pass/fail events for pressure bearing vessels such as gas cylinder, flow meter, etc.