

# OQD PROFESSIONAL (OQDp)

Product Ref: OQDp-N-6-1



## ➔ PRODUCT OVERVIEW

Touch Screen Multi Sensor Display System. The robust, industrialised OQD Professional (OQDp) will display live data, oil quality and temperature, from up to four Oil Quality Sensors (OQSx) simultaneously and generate automatic alerts. The OQD Professional (OQDp) also provides graphical presentation of live data such as rate of change over time, at the touch of the screen.

## ➔ KEY PRODUCT FEATURES

### • Informative

6" high resolution, tough, touch screen provides clear display of data.

### • Industrial Quality

Robust, toughened, IP67 suitable for installation in any harsh commercial or industrial environment.

### • Flexible

Network and display data from up to four OQSx sensors simultaneously using our OQD Professional Hub or via your existing CANbus/Infrastructure.

### • Independently Tested

Has undertaken rigorous independent testing.

### • Intuitive Functionality

Simple touch screen menu system makes accessing functionality such as rate of change graphs, and alert configuration simple.

### • Fully Certified

The OQD Professional (OQDp) is fully certified to international standards to work in the majority of commercial and industrial applications.

### • Robust and Rugged

The rugged IP67 rated enclosure with rubber frame and high quality industrial connectors make this unit very reliable and robust.

## ➔ BENEFITS

### Peace of Mind

Knowing that your critical equipment is being monitored 24 hours a day, 365 days a year.



### Reduced Wastage

Avoid unnecessary oil waste by only changing oil which needs to be changed.



### Cost Effective

Real time oil monitoring makes perfect sense with an average pay back of less than 6 months.



### Improved Safety

Ensures your equipment is in optimal condition making a safer working environment.



# OQD PROFESSIONAL (OQDp)



## SPECIFICATIONS

### Order Information

Product Name: OQD Professional (OQDp)  
Product Code: OQDp-N-6-1

### Physical

Material: Plastic housing with rubber frame  
Dimensions: 142mm x 98mm x 43.2mm (L x W x H)  
Weight: 275g

### Electrical

Power Supply: 9-30V DC  
Power Consumption: Average at 13.5V DC: On = 430mA, Low-Power = 160mA, Sleep = 90mA, Off = 0

### Data Output/Input

CAN 2.0 B Active  
RS432

### Environmental

Operating Temperature: -30°C (-22°F) to +65°C (+149°F)

### Display

TFT Colour Graphic LCD with LED backlight  
Dimensions: 4.3", 95mm x 53mm  
Resolution: 480 x 272 px, WQVGA, 15:9  
Colours: 65k

### Measuring Range

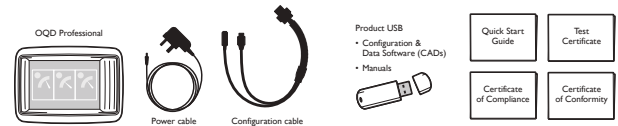
Temperature: -20°C (-4°F) to +120°C (+248°F)  
Tan Delta Number: 1200 to 0  
Rate of Change: Oil Condition/Time

### Standards and Certification

Water & Dust: IP 6k5 according to ISO 20653  
Shock & Vibration: ISO 16750-3: Road  
ISO 15003: Agricultural Engineering  
Mechanical Shock: Level 2  
Random Vibration: Level 2  
Sinusoidal Vibration: Level 2  
EMC: EU Directive 2004/108/EC (According to EN 12895: Industrial Trucks, EN 13309: Construction machinery and EN ISO 14982: Agricultural and forestry machinery)

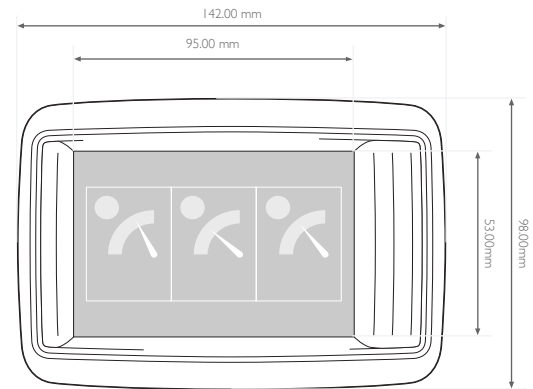
EI - Type approval: EU Directive ECE R. 10.4

## WHATS IN THE BOX



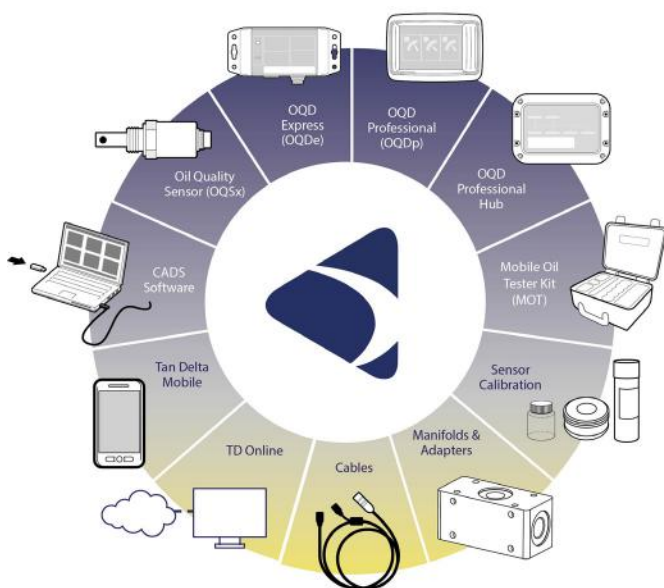
⚠ You may require additional cables to complete your installation. Please refer to the Tan Delta Systems Architecture diagram below.

## DIMENSIONS



L: 142.00 mm, W: 98.00 mm, D: 47.08 mm

## ABOUT TAN DELTA



Tan Delta Systems Limited is a global leader in the development and supply of advanced oil condition monitoring technologies, with a fully integrated product portfolio all engineered and developed from the initial core product, the oil quality sensor (OQSx).

Our products are trusted by the world's leading industrial and commercial companies to monitor oil condition, helping to optimise equipment productivity, reduce operating costs, thereby remaining competitive in a global economy.

All Tan Delta products are engineered and quality manufactured for long term continuous operation in the harshest commercial and industrial environments. Each product is carefully engineered and tested to withstand the long term effects of extreme shock, vibration, heat, cold, thermal shock, electrical interference and many more factors.

The Tan Delta Customer Support team partners with customers to implement highly effective and commercial beneficial oil conditioning. Our experience and expertise enable customers to quickly and smoothly implement successful condition monitoring.

Tan Delta provide ongoing 24/7 global warranty support, technical support, advice and consultancy to ensure customers maximise the long term benefits of their investment in oil condition monitoring.

Tan Delta Systems Limited is always looking to exceed customer expectations, so for this reason reserves the right to alter, without notice, the specification, design or conditions of supply of any product or service. Information provided by Tan Delta Systems is believed to be accurate and reliable. However, no responsibility is assumed by Tan Delta Systems for its use, nor any infringements of patents or other rights of third parties, which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of Tan Delta Systems ©Tan Delta Systems Ltd 2017

