

The RCM 9s provide multiparameter platforms

Now available the reliable and accurate:

NEW 300 meter, Lightweight-RCM 9 LW, 9kg (1.8kg in water)

and the 2000 meter RCM 9 IW

DOPPLER CURRENT SENSOR SERIES



- Current speed, current direction, signal strength and tilt of instrument
- More than 1500 in use
- No drift
- No calibrations
- No/low fouling sensitivity
- DSP technology with multiple outputs

RCM 9

- More than 1200 in use
- Robust, reliable, accurate and easy to operate (no PC needed to set-up and start)
- Temperature sensor included
- Tilt and backscatter included
- Data Reading Program 5059 software for post processing data

SUITE OF OPTIONAL SENSORS AVAILABLE

TEMPERATURE SENSOR 3621/4050

- Thermistor (Fenwall GB32JM19)
- Resolution: 0.1% of indicated range 3621 / 0.02% FSO 4017
- Accuracy: $\pm 0.05^{\circ}\text{C}$ 3621 / 0.04% FSO 4017
- Selectable Ranges: Wide, Low, High and Arctic range 3621
0 to 1000, 4000, 1000C, 20000, 40000, 60000 kPa 4017

NEW PRESSURE SENSOR 4017

- Compact fully integrated sensor measuring water pressure
- Easy integration as OIM sensor in most measuring system
- Up to 60MPa range
- Accuracy: $\pm 0.04\%$ FSO, Resolution: $\pm 0.02\%$ FSO(2)
- ASCII RS-232 and Aanderaa SR10
- Programmable confining of range to increase resolution

NEW CONDUCTIVITY SENSORS

- Long-term stability/minimal maintenance
- Better accuracy and resolution
- Not pressure sensitive
- Selectable multiple parameter outputs (cond/sal)
- Built-in temperature sensor for compensation
- Accuracy: 3919A $\pm 0.005\text{S/m}$, 3919B $\pm 0.0018\text{S/m}$
- Resolution: 0.0002S/m

NEW OXYGEN OPTODES 3830 & 3835

- Show excellent user results
- Similar accuracy to Winkler titration
- Long-term stable (years)
- Low fouling sensitivity
- DSP technology with multiple outputs
- Built-in temperature sensor for compensation
- Selectable outputs ($\mu\text{m}/\%s$)

TURBIDITY SENSOR 3612

- Long-term stability
- More than 845 in use
- Accurate and reliable
- Ideal for sediment transport studies
- Range: 0 - 20, 0 - 100, 0 - 500 NTU
- Accuracy: 2% of full scale



RECORDING CURRENT METER RCM 9

Including: Current Speed, Current Direction, Sea Temperature, Signal Strength, Tilt, Burst mode, Alkaline Battery (9V/15Ah), Post Processing Software, Recommended Spares