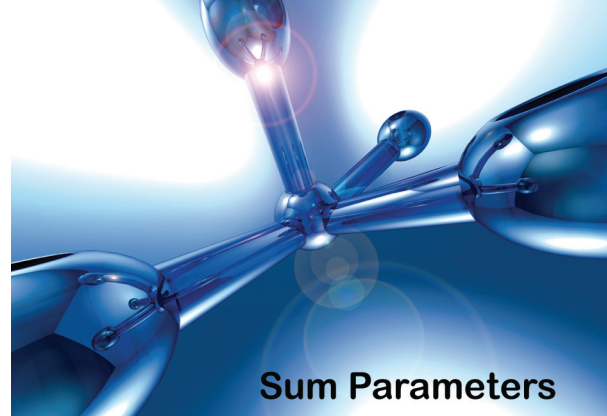


Specification Sheet



Sum Parameters

Process analyser TOCN-4110

Measurement type	TN, NPOC (acidify/sparge removal of IC) and TC (standard). TN, NPOC, TOC (TC-IC) (option). TN, NPOC, TOC (TC-IC and POC+NPOC) (option)
Measurement principle	TOC: Catalytically aided combustion with NDIR detection, TN: Combustion decomposition with chemiluminescence detection.
Measurement range	TOC: Variable from 0-5ppm full scale to 0-1000ppm full scale (0-20,000ppm is possible with on-board dilution function). TN: Variable from 0-1ppm full scale. 0-4000ppm is possible with on-board dilution function.
Reproducibility	TOC: Within +/-2% full scale. TN: Within +/-4% full scale at less than 4 ppm full scale. Within +/-2% full scale at greater than 4ppm full scale.
Span stability	Within +/-2% of full scale/day (with temperature fluctuation within 5° C)
Zero stability	Within +/-2% of full scale/week
Measurement cycle	Minimum 4 minutes.
Sample dilution	Dilution with syringe, variable sample dilution factor of 2-20
Auto calibration	1-2 point auto calibration possible
Multi-stream option	2 streams with optional sample switching set, Maximum 4 streams with optional flow line switcher
Display	LCD 40 characters x 14 lines
Recorder option	Recorder width is 100mm, 6 dot recorder
Printer option	Thermal type, 40 columns, chart width with 110 mm.
Analog output	Selectable output of 0-1VDC, 0-16mA or 4-20mA (insulated output)
Output	RS 422
Alarm	Selectable among upper/lower limit, upper/upper limit and lower/lower limit and instrument trouble alarm
Input signal	Sample measurement start, sample measurement stop, calibration start, alarm reset
Carrier gas	Air or oxygen, supply pressure: 300kPa, free of dust, oil mist, water droplets
Power	100, 110, 115, 120, 220, 230, 240V as ordered; 5A; 50-60Hz
Construction	Indoor wall mounting (optional stand available)