

Product Matrix

| | EX-100 | EX-1000 | EX-100P | EX-1000P | EX-100P2 | EX-1000P2 | EX-400M | EX-100M | EX-1000M | SA-100 | SA-1000 | TM-1000 |
|---------------------------------------------------------|--------|---------|---------|----------|----------|-----------|---------|---------|----------|--------|---------|---------|
| Features | | | | | | | | | | | | |
| Analyzer type | | | | | | | | | | | | |
| Side stream | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ● | ● | ● | ● |
| In-line | ○ | ○ | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| Ultrasonic | | | | | | | | | | | | |
| Homogenisation | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ● | ○ | ○ | ● |
| Ultrasonic cleaning | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Environment | | | | | | | | | | | | |
| Hazardous area (Class 1 Div 1, ATEX Exd, IECEx, IMO) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ○ | ○ | ○ |
| Non hazardous area | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● |
| Measurement principle | | | | | | | | | | | | |
| Laser Induced Fluorescence | ● | ● | ● | ● | ● | ● | ○ | ● | ● | ● | ● | ● |
| Video microscopy | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● | ○ | ○ | ○ |
| Fluorescence spectrometer | ○ | ● | ○ | ● | ○ | ● | ○ | ○ | ● | ○ | ● | ○ |
| Membrane inlet mass spectrometer | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |
| Measuring range (customisable oil ranges up to) | | | | | | | | | | | | |
| 0-20,000ppm* (oil content only) | ● | ● | ● | ● | ● | ● | ○ | ● | ● | ○ | ○ | ○ |
| 0-1,000ppm (Total solids TSS) | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● | ○ | ○ | ○ |
| 0-3,000ppm (oil content only) | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ |
| Measured Items | | | | | | | | | | | | |
| Oil in water | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Oil droplet size distribtuion | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● | ○ | ○ | ○ |
| Total Suspended Solids (TSS), gas bubble (ppm and size) | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● | ○ | ○ | ○ |
| Turbidity | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● | ○ | ○ | ○ |
| BTEX | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |
| Application | | | | | | | | | | | | |
| Produced water | | | | | | | | | | | | |
| Discharge monitoring/management | ● | ● | ◐ | ◐ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Process monitoring/management | ● | ● | ● | ● | ● | ● | ● | ● | ● | ○ | ○ | ○ |
| Leak detection | ● | ● | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| Deck/bilge monitoring | ● | ● | ◐ | ◐ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Separation monitoring | ◐ | ◐ | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| Reinjection monitoring | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● | ○ | ○ | ○ |
| Refineries | | | | | | | | | | | | |
| Leak detection in cooling water | ● | ● | ● | ● | ● | ● | ○ | ○ | ○ | ● | ● | ○ |
| Sour water monitoring | ● | ● | ● | ● | ● | ● | ○ | ○ | ○ | ● | ● | ○ |
| Drain tank monitoring/control | ○ | ○ | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| Process water discharge monitoring | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ |
| Marine/FPSO | | | | | | | | | | | | |
| Ship bilge monitoring | ◐ | ◐ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ |
| Exhaust gas scrubber water monitoring | ◐ | ◐ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |
| Power Plant | | | | | | | | | | | | |
| Cooling water monitoring/management | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ |
| Discharge monitoring/management | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● |
| Waste Water Treatment | | | | | | | | | | | | |
| | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● |

* 20,000ppm subject to oil type verification with sample sent to factory

● Primary Feature / Application

◐ Alternate Application

○ Not Applicable

