

Performances	OS316Plus	OS320Plus	OS303	OS304	OS305	EA/89	ON-LINE SYSTEM
Real time data acquisition	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Self Recording	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sampling Rate (max.)	20 Hz⁽⁴⁾	40 Hz⁽⁴⁾	8Hz⁽⁴⁾	8Hz⁽⁴⁾	8Hz⁽⁴⁾	8Hz⁽⁴⁾	20Hz⁽⁴⁾
RS232C Interface	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RS485/422 Interface	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
IDRONAUT Telemetry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Internal battery pack	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Standard memory	512Mb	512Mb		512Mb	512Mb	512Mb	512Mb
Sensors⁽³⁾							
Sensors⁽³⁾	OS316Plus	OS320Plus	OS303	OS304	OS305	EA/89	ON-LINE SYSTEM
Pressure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Accuracy (0.05%)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Accuracy (0.01%)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> ⁽¹⁾	<input checked="" type="checkbox"/> ⁽¹⁾	<input checked="" type="checkbox"/> ⁽¹⁾	
Temperature	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
accuracy (°C)	0.003	0.001	0.005	0.005	0.005	0.005	0.003
Conductivity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Fresh water accuracy (µS/cm)	5⁽⁵⁾	5⁽⁵⁾	5	5	5	5	5⁽⁵⁾
salt water accuracy (mS/cm)	0.003	0.001	0.007	0.007	0.007	0.007	0.003
Dissolved Oxygen	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ⁽¹⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Maintenance Free Dissolved Oxygen	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ⁽¹⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
pH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Redox	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ⁽¹⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PCO ₂ ⁽²⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Nitrate ⁽²⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Ammonia ⁽²⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
H ₂ S ⁽²⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CT sensors pairs (redundant CT)		<input checked="" type="checkbox"/>					
Remote Temperature sensor							<input checked="" type="checkbox"/>
Accuracy (°C)							0.01
Turbidity (SEAPOINT – WETLAB -OBS)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> ⁽¹⁾	<input checked="" type="checkbox"/> ⁽¹⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Fluorometer (SEAPOINT – WETLAB – TURNER –	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHELSEA)							
Transmissometer (WETLAB – CHELSEA)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
PAR (LICOR – BIOSPHERICAL – SATLANTIC)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
Optional Probes							
	OS316Plus	OS320Plus	OS303	OS304	OS305	EA/89	ON-LINE SYSTEM
General Oceanics Rosettes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
SATLANTIC – Radiometers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
IDRONAUT – string and weight bottom sensor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
ALTIMETER PSA-916D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
VALEPORT MiniSVS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
IDRONAUT Antifouling system	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
CT forced flow module (submersible pump)		<input checked="" type="checkbox"/>					
Software							
	OS316Plus	OS320Plus	OS303	OS304	OS305	EA/89	ON-LINE SYSTEM
Terminal emulation “ITERM”	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Real time data acquisition per windows REDAS5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Telemetry							
	OS316Plus	OS320Plus	OS303	OS304	OS305	EA/89	ON-LINE SYSTEM
MKPlus- Telemetry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
MK-FSK – Telemetry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Portable FSK Telemetry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
RS422/RS485	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Housing							
	OS316Plus	OS320Plus	OS303	OS304	OS305	EA/89	ON-LINE SYSTEM
100mm POM Plastic (max 150bar)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> ⁽¹⁾	<input checked="" type="checkbox"/> ⁽¹⁾		
89mm Titanium (max 1000bar)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
89mm POM Plastic (max 100bar)						<input checked="" type="checkbox"/>	

75mm AISI316L (max 150bar)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
54mm Titanium (max 600bar)				<input checked="" type="checkbox"/>			
43mm AISI316L (max 150bar)			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
43mm Titanium (max 150bar)			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Accessories / Options							
	OS316Plus	OS320Plus	OS303	OS304	OS305	EA/89	ON-LINE SYSTEM
Memory extension up to 1Gbyte	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OCEAN SEVEN Reader	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Portable reel x telemetry (max 300m)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Portable reel x RS232 (max 100m)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bluetooth Wireless module	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Titanium protective cage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
External battery pack	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
Integrated GPS engine				<input checked="" type="checkbox"/> ⁽¹⁾			
<p>(1) Special version call for information and availability</p> <p>(2) Applicable only to measurement performed in fresh waters</p> <p>(3) Sensors are rated for 150 or 700bar</p> <p>(4) Sampling rate refers to OS3xx probes equipped with CTD sensors. Different combination of sensors may decrease the sampling rate</p> <p>(5) Special version calibrated for the fresh water 0..6400 $\mu\text{S}/\text{cm}$ measurement range.</p>							