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## MicroCAT Feature Comparisons

Sea-Bird manufactures a number of instruments within our MicroCAT family. All MicroCATs:

- Measure Conductivity and Temperature
- Can include an optional strain-gauge Pressure sensor
- Have 8 Megabyte memory

Other features vary:

Sea-Bird Model Number	Additional Included Sensors	Pump *	Power		Communication	Real-Time Data	Minimum Sampling Interval
			Internal	External			
<b>37-SMP-IDO</b>	Dissolved Oxygen	√	√	√	RS-232 or -485	√	10 sec
<b>37-SMP</b>		√	√	√	RS-232 or -485	√	6 sec
<b>37-SM</b>			√	√	RS-232 or -485	√	6 sec
<b>37-SIP-IDO</b>	Dissolved Oxygen	√		√	RS-232 or -485	√	1 sec
<b>37-SIP</b>		√		√	RS-232 or -485	√	1.0 – 1.5 sec **
<b>37-SI</b>				√	RS-232 or -485	√	1.0 – 1.5 sec **
<b>37-IM</b>			√		Inductive modem	√ ***	6 sec
<b>37-IMP</b>		√	√		Inductive modem	√ ***	6 sec
<b>37-IMP-IDO</b>	Dissolved Oxygen	√	√		Inductive modem	√ ***	10 sec

\* Integral pump provides improved conductivity and dissolved oxygen (if applicable) response and anti-foul protection.

\*\* Minimum sampling interval 1.0 second without optional pressure sensor, 1.5 second with optional pressure sensor.

\*\*\* = Inductive Modem MicroCATs do not automatically transmit real-time data; controller must query for data.