

FACT SHEET

Diver®

Small, smart, easy to use - the Diver-Suite® by Schlumberger Water Services of water level loggers for the automatic measurement and registration of groundwater level and temperature - is the world's smallest and most widely used for accurate groundwater research.



Advantages

- Small and light so can be used in virtually any monitoring well
- Smart monitoring technology
- Suitable for any environment
- Wide range of applications
- Accurate, sound and reliably - thousands in use worldwide
- Easy to use, can be programmed onsite or in the office
- Stores up to 48,000 measurements
- 3 year product guarantee
- Built in battery life of 10 years
- Once installed no part of the logger is visible, therefore reduces the risk of vandalism
- Barometric pressure measurement available using Baro-Diver
- Can be read onsite or linked to a telemetry system for complete offsite management.

The Diver Range

- | | |
|-------------|---|
| Mini Diver | - Monitoring well datalogger for measuring and recording groundwater levels/temperatures, available in various measuring ranges |
| Micro Diver | - 18mm diameter datalogger for measuring and recording groundwater levels/temperatures in very small wells |
| Cera Diver | - Groundwater monitoring under potentially corrosive conditions |
| CTD Diver | - Datalogger for monitoring groundwater level, temperature and conductivity |
| Baro Diver | - Registers and compensates for barometric pressure. |

Applications

- Long-term water level monitoring
- Automated groundwater monitoring network
- Pumping and slug tests
- Watershed, drainage basin and recharge areas
- Stream gauging, lake levels and reservoirs
- Harbour and tidal fluctuation monitoring
- Wetlands and stormwater run-off monitoring
- Aquifer storage and recovery projects
- Saltwater intrusion projects
- Discharge monitoring
- Monitoring landfill sites
- Monitoring groundwater and surface water interactions.

Diver

Diver Specifications

Diver®	Pressure	Temp	Conditions	Memory Readings	Range					Accuracy	Pump test	Diameter	Corrosive Environment
					0-1.5m H ₂ O	0-10m H ₂ O	0-20m H ₂ O	0-50m H ₂ O	0-100m H ₂ O				
Mini-Diver	*	*	-	24,000	-	*	*	*	*	+/- 0.05% FS	-	22mm	-
Micro-Diver	*	*	-	48,000	-	*	*	*	*	+/- 0.05% FS	*	18mm	-
Cera-Diver	*	*	-	48,000	-	*	*	*	*	+/- 0.05% FS	*	22mm	*
CTD-Diver	*	*	0-120mS/cm	48,000	-	*	*	*	*	+/- 0.05% FS	-	22mm	*
Baro-Diver	* (barometric)	*	-	24,000	*	-	-	-	-	+/- 0.05% H ₂ O	-	22mm	-
Program & Read	Read	Start/stop	Program	View data									
Readout Unit	*	*	*	*	with Diver-Office								
Diver-Mate	*	-	-	-									
e+Control	*	*	*	basic functionality									
Diver-Pocket/PDA	*	*	*	*	selected PDAs need powered usb								
e-Sense telemetry	*	*	*	*									

Diver

Diver® Specifications

Software:	Free	Basic function	Advanced function
Diver-Office 2011	*	*	
Diver-Office Premium		*	*
Diver-Pocket		* for PDA	
Cables:	Comm	Corrosive environment	Max length
DDC	*	*	200m
Vectran	-	*	unlimited
Steel wire	-	-	unlimited