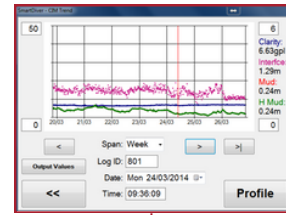




**PLA**  
PROCESS  
ANALYSERS

**SmartDiver**  
MUD DIVER®



**AUTOMATIC MUD-DIVER, BED LEVEL MEASUREMENT & TANK PROFILING  
SYSTEM FOR CLARIFIERS, THICKENERS & CCD'S**

**MEASURES**



Bed Levels  
(Mud & Interface)



Settling Zones



Overflow Clarity



Tank Profiling  
(suspended solids vs depth)



Overflow Liquor  
Concentration

“EQUIPPED WITH **THIS DATA**,  
OPERATORS CAN **OPTIMISE  
FLOCCULATION & CONTROL  
UNDERFLOW DENSITY.**”

**APPLICATION**

“DESIGNED FOR THE **MINERAL  
PROCESSING SECTOR**”

SmartDiver® is being used in Alumina, Nickel, Copper, Uranium, Mineral Sands, and Gold Processing facilities.

Ideal for Solid-Liquid Separation Thickeners & Carbon Capture Plants.

**SPECIFICATIONS**

**Maximum Process Temperature:** 150°C

**OUTPUTS:**

- Analog: 7X 4-20mA
- Digital: Modbus over Ethernet TCP / IP
- Contact output for fault

**POWER SUPPLY:** 240/110 Vac or 24 Vdc

**ACCURACY :** +/- 2%

**REPEATABILITY:** +/- 1%

**LEVEL:** +/- 5-10 MM

**MODEL CODING:** AL-6410



## The SmartDiver® Advantage



Enhance Overflow Clarity



Increase Underflow Density



Superior Rake Torque Control



Optimise Flocculant & Reagents consumption



Enhance PM/PDM capabilities & Increase availability of the Thickener

## ASSEMBLY

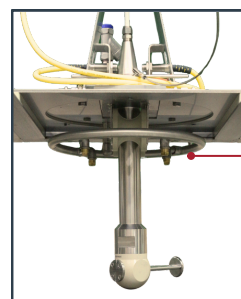
Control Panel



Submersible & Retracting Sensor



Typical SmartDiver® Installation at a Thickener Tank



Wash Bay Assembly