

## Trace<sub>2</sub>O Customer Case Study

Developing a truly portable piece of equipment for environmental scientific analysis

### Problem

Trace<sub>2</sub>O had developed a mains powered analyser but customers started to request greater portability. The company had developed a basic specification with a view to building in-house. However they decided to use a specialist company with the knowledge and experience of integrating power within rugged cases in order to ensure consistency in build quality as well as product availability.

A further challenge was that because Trace<sub>2</sub>O had originally planned to manufacture in-house their budget was quite restricted.

### Solution

DMS technologies was approached due our expertise with portable power systems built into rugged cases. Trace<sub>2</sub>O's other products involved Peli-cases so a matching case was selected.

We also expanded the original specification to include State-of-Charge indication and a Low Voltage Disconnect to protect the built-in battery. All this was achieved on time and within budget.



### Key additional features

Through using DMS technologies' technical knowledge and capability, our customer benefited from:

- **Peli-Storm IM2075 Case**
- **12V 12Ah Battery**
- **!00W Inverter**
- **Wide Input Charger for Global Operation.**
- **State-of-Charge Indication**
- **Low Voltage Disconnect**