



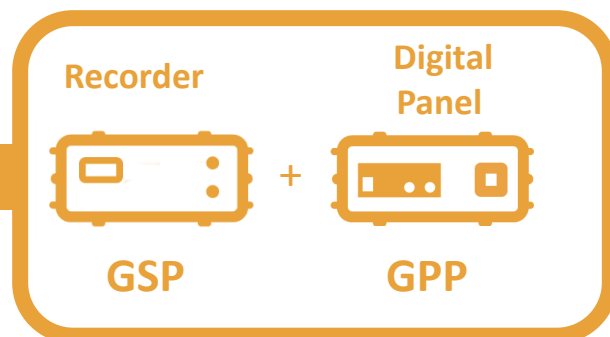
## Main Features

- Interfaces digital Geochain string to wireline cable.
- Equal wireline power distribution.
- Separates downlink commands and power from uplink telemetry.
- Compatible with latest DFU module for gapless Microseismic recording
- Unique Active Cooling System for continuous operation at 385°F (195°C).
- 30,000psi (2100 bar) pressure rating (TAS-2 EHP).

## Functionality

- The TAS serves to interface the Geochain tool-string to the main wireline cable. System power from the surface is distributed equally over six wireline conductors. Transformers in the TAS separate this power from the downlink and uplink data signals.
- The TAS receives the data from the Geochain tool-string and re-transmits this to the surface, in a coded and modulated form.
- The TAS also receives synchronisation and command information from the surface and relays this down to all ASRs in the tool-string.
- The TAS may be connected directly to the top ASR using a special coupler, but is often separated by a short ITC to avoid any possible degradation of the seismic response of the ASR.

## SURFACE PANELS



## LEADERS IN BOREHOLE SEISMIC TECHNOLOGY



TAS (EHP) Specifications	AS-283 (X-Generation)
Length	18.7" (475mm)
Diameter	3.25" (82.5mm)
Weight	27.6lb (12.5kg)
Temperature	385°F (195°C) *Digital Only
Pressure	30,000psi (2100 bar) EHP version
Max Telemetry Data Rate	4Mbit/second
Min Telemetry Data Rate	256kbit/second (Microseismic Mode)
Configuration Board	4/6 wire telemetry options.
Panels	GPP or GMP & GSP-1
DFU Compatible*	Yes – Firmware upgrade required to all previous 2015 TAS-2
Wireline	7 Conductor Heptacable