ASL
Avalon Sciences Ltd

SDFU – Slim Data Formatting Unit

SLIM

Main Features

- Enables **Gapless Microseismic Operation** of GeochainSlim system
- Facilitates **Discrete Buffering** & **Formatted** Gapless Recording to increase the number of tools a for a given sample rate*
- Unique Active Cooling System for continuous operation at 195°C
- 20,000psi (1400 bar) pressure rating.

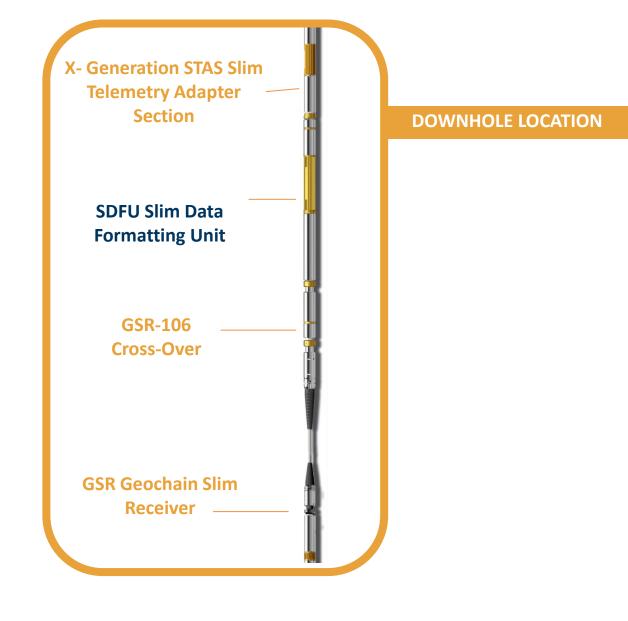*When used in conjunction with x-series AS251 Digitisers

Functionality

- The DFU is a downhole sonde that allows the user gapless operation when used with an X Generation STAS.

- It is located in-between the X-STAS and the digitisers.

- The DFU contains memory that stores digitiser data whilst the STAS has stopped, enabling the data to be continuous without gaps.

DOWNHOLE LOCATION

X- Generation STAS Slim Telemetry Adapter Section

SDFU Slim Data Formatting Unit

GSR-106 Cross-Over

GSR Geochain Slim Receiver

Compatibility requirements

To perform gapless recording you will need:
1. *SDFU (AS-262),*
2. *SX-TAS (AS-261),*
3. *GSP with a USB 2B card.*
4. *ACQ Software v.3.X+*

+ **Recommended:**
4. **Networked storage system in place (NAS).**
5. **Geochain Monitor Panel (GMP)**

SDFU Specifications	
Length	33.7" (857mm)
Diameter	1 11/16" (43mm)
Weight	12.4 lb (5.7kg)
Temperature	195°C (Digital Only)
Pressure	20,000psi (1400 bar)
Panels	GMP or GPP & GSP-1 (Digital)
Wireline	7 Conductor Heptacable