TSC U41

U31 vs U41 Model Comparison

TSC have been leading the development of True ACFM and for the last 30 years the technology has been used globally as the method of choice for the detection and sizing of subsea surface-breaking cracks.

The U41 is supported by a global network of calibration and training centres, located in Milton Keynes (UK), Québec (Canada), Houston (USA) and Dubai (UAE).

Diver Models

U31 D	U41 D / U41 DA
Limited acquisition speed (single analog input)	Fast acquisition speed (twin digital inputs)
Lower data resolution (12 bit sampling)	14 x increase in real data resolution (16 bit sampling)
1 x legacy connector	3 x SENSU2 UW connectors
No array	4 x rows mini array (U41DA)
Probe configurations stored on PC	Probe configurations stored directly on probe
300 m maximum umbilical length	450 m maximum umbilical length
Single Frequency	Single / Dual Frequency (U41DA)
Legacy Assist Software	New Assist Software on continuous evolution
No encoder	2 x Encoder Inputs (where supported on probe)

ROV Models

U31 R	U41 R / U41 R / U41 RDW
Limited acquisition speed (single analog input)	Fast acquisition speed (twin digital inputs)
Lower data resolution (12 bit sampling)	14 x increase in real data resolution (16 bit sampling)
1 x legacy connector	3 x SENSU2 UW connectors
8 x rows array max	Up to 32 x rows array
Probe configurations stored on PC	Probe configurations stored directly on probe
RS485 only	Ethernet/Extended Ethernet/RS485/RS232 selectable
Single Frequency	Dual / Multiple Frequency
Legacy Assist Software	New Assist Software on continuous evolution
1 x Encoder Input	2 x Encoder Inputs
300 m maximum umbilical length	450m maximum umbilical length

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