

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

U31D	U41D/U41DA
Limited acquisition speed (single analog input)	Fast acquisition speed (twin digital inputs)
Lower data resolution (12 bit sampling)	14x increase in real data resolution (16 bit sampling)
1 x legacy connector	3 x SENSU 2 UW connectors
No array	4 x rows mini array (U41DA)
Probe configurations stored on PC	Probe configurations stored directly on probe
300 m (984.25 ft) maximum umbilical length	450 m (1476.38 ft) 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)

