

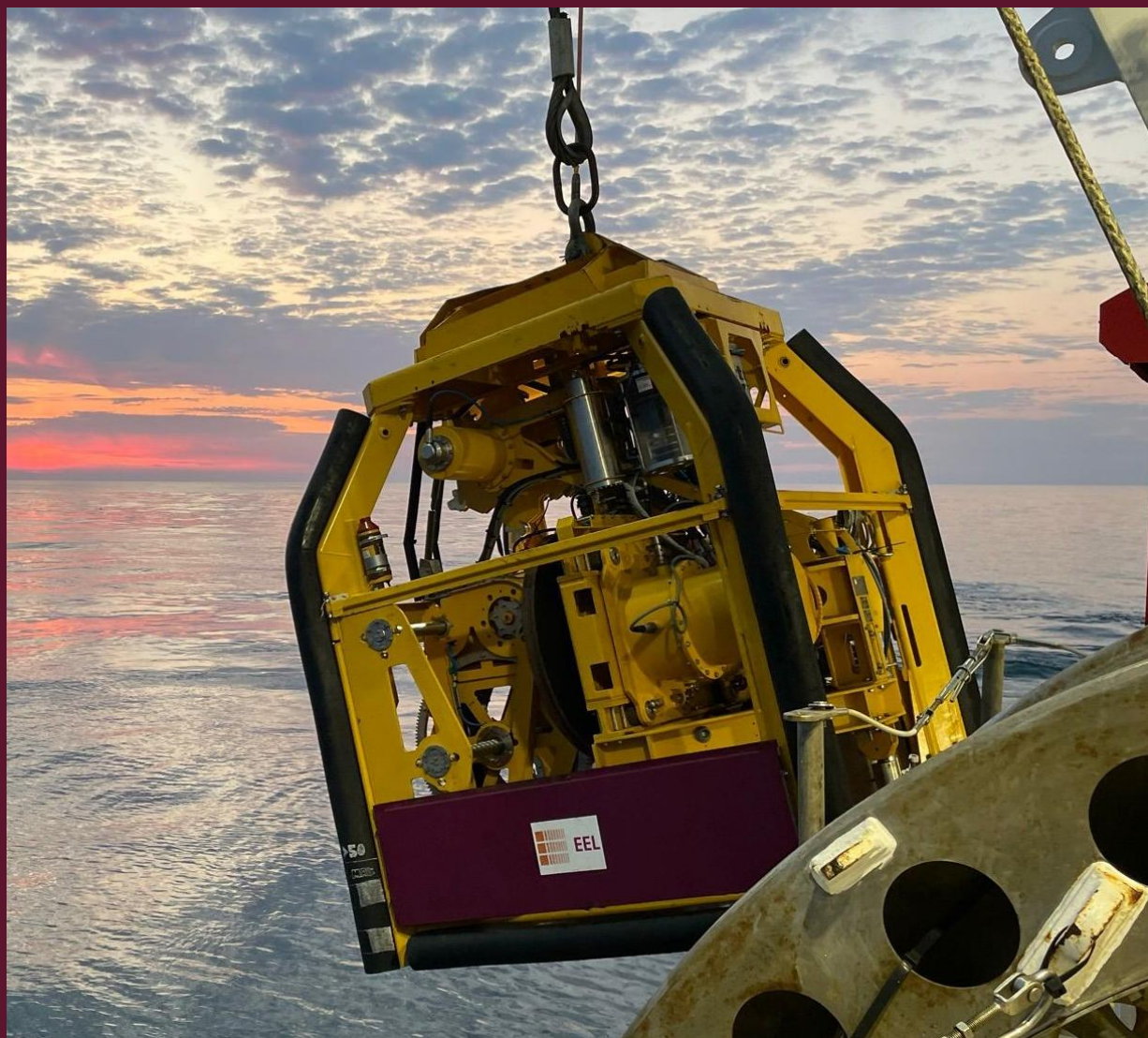


EEL

ROSON-ST 100

Description

This compact and easy to handle 100kN marine cone penetration test (CPT) system combines AP van den Berg's patented SingleTwist-Rods (ST-Rods) with its ROSON seabed system. The ST-Rods provide performance equal to a string of CPT rods, but they can be easily folded onto a reel. This allows deep penetration – up to 50m – without the need for external CPT string support, enabling fast deployment and high productivity.





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Key data

Max. push force	10,000 kg
Max. penetration	50 m
Depth rating	1,500 m
Driving speed	20 mm/sec
Electrical motors	2x 1.5kW
Icone size	10cm ²
Wheel diameter	100 cm
Dimensions (min.)	230 x 230 x 320 cm

Configuration	Weight (kilogrammes)		Max. push force	
	In air	Subsea	kN	Kilogrammes
ROSON-ST + Lift plate	8,667	7,545	57	5,812
ROSON-ST + Lift plate + 1x Ballast plate	11,370	9,942	78	8,005
ROSON-ST + Lift plate + 2x Ballast plates	14,072	12,338	100	10,197