

# Installation Cyclic (CIGRE) Test Machine

Full-scale installation cyclic testing system for critical products

Oceanengineering is equipped with the expertise and equipment to complete installation cyclic testing at our in-house laboratory located in Niteroi, Brazil.

The installation cyclic rig is suitable for completing installation cyclic tests on a wide range of products and associated connection hardware.



## FEATURES

**Maximum sample length 82 ft / 25 m**

**Tensile load maximum 1,250 kN**

**Wheel diameter - 18 ft / 5.6 m**

# Installation Cyclic (CIGRE) Testing Machine

Full-scale installation cyclic testing system for critical products

**Our machinery is capable of performing installation cyclic testing on products including:**

- » Umbilicals
- » Flexible and composite pipes
- » Power cables
- » Ropes

**Advantages of completing installation cyclic testing:**

- » Advancement of overall knowledge and understanding of products
- » Verification of compliance with industry standards



## Technical Data

	Niteroi, Brazil
Maximum tensile load	1,250 kN
Maximum sample length	82 ft / 25 m
Wheel diameter	18 ft / 5.6 m
Machine / Test Sample Interface	Bolted flange
Control system	Computerized system for machine control and datalogging of sample instrumentation
Sensors	Integrated displacement and load monitoring. Datalogging facilities available for monitoring of additional sensors such as thermocouples and strain gauges, if required.
Calibration	Accredited calibration (Brazil)
Results	Electronic test report

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