



Immersion type cold wall test unit

Cold wall effect is an important challenge for lining coatings. Many studies and tests have been carried out abroad, but few studies and reports have been made in China. Because of the requirements of the process, the internal temperature of the crude oil storage tank or some pipelines is usually higher than the air temperature, and there will be a temperature difference between the inner and outer walls of the tank or pipeline. The temperature difference seriously affects the corrosion of carbon steel. This phenomenon is called cold wall effect.

Standards Compliant

NACE TM0174— 2002

ISO 4628 :2016



Equipment Requirements

Power Requirements

power supply	AC380V 50Hz
Maximum current	10A
Power switch capacity	16

Move-in conditions

The width is not less than 1m, the height is not less than 1.5m,
After installation, the base needs to be fixed, and the safe distance from other equipment and
walls is not less than 0.5m.

Technical Specification

Name	Immersion type cold wall test unit
Type	XDTHY-02A-2
Overall dimensions	D×H×W 1550*750*1250mm
Temperature control range	Low temperature : 20~40℃ High temperature: 60~80℃
Temperature display resolution	±0.1℃
Temperature control accuracy	±0.5℃
Temperature uniformity	±2℃
Rated current	10A

Ordering Information

Type	Name
XDTHY-02A-2	Immersion type cold wall test unit



MODERN
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