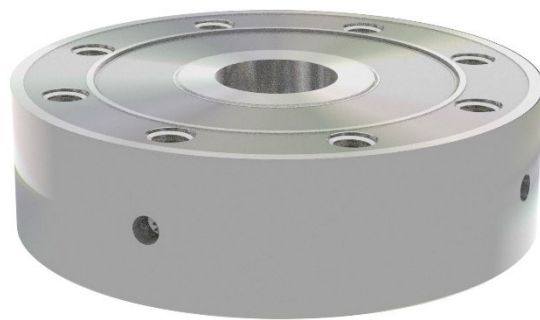


Rapidlogger™

Rapidlogger Weight Calibrator – Load Cell Checker



The load plate and connector adapter are machined to suit the customer's tubing size and connector so the calibrator hangs square under the injector head. The load cell is rated for tension and compression, so snubbing loads can be verified as well.



The Rapidlogger Weight Calibrator is a portable reference weight system for coiled tubing units. It hangs in line between the injector head and the tubing connector and gives an independent, calibrated reading of the tubing weight. Comparing this reading with the weight indicator on the unit verifies the calibration of the injector head load cell, hydraulic or electronic.

The system consists of a Rapidlogger SE display unit, a calibrated stainless steel load cell with a NIST traceable certificate, a load plate and a coiled tubing connector adapter, in a foam lined carrying case. The operator reads the weight directly on the display. No PC or training is needed.

Specifications

Tubing Sizes	1" to 2-3/8"
Operating Temperature	-40C to 70C
Operating Environment	NEMA 4X
Display	LCD w/ Backlight
Computer Interface	Serial, Ethernet, WiFi
Power	12/24DC, 110/240AC
Job Memory	16GB



Highlights

The reference load cell is independent of the injector load cell, so the check is a true verification and not a comparison of two readings from the same sensor. The load cell can be returned for periodic recertification.

Each verification is time stamped and recorded on the SD memory card, giving a permanent record for the job file. The unit can also serve as a back-up weight indicator, and with a Rapidlogger data acquisition system the weight channel can be corrected on the spot with a two point calibration.