

mWeight

Sand weighing system

The mWeight system is a unique device that autonomously weighs and records sand returned from wells.

A screen holds sand for a period of dynamic time, allowing water to drain through it, giving you an optimal weight reading. A hydraulic slide cleans the screen after each discharge.

The weighing record is stored in the cloud in the Iris SCADA cloud, thanks to the MMi telemetry package and can be viewed from any device, allowing you to know the volume of sand produced.



SPECS	
Main panel dimensions	600 x 800 x 1700mm
Overall structure dimensions	2930 x 1700 x 800 mm
Adjustable with structure	Mín: 1700 mm; Máx: 2868 mm
General supply voltage	115VAC / 230VAC - 50Hz / 60Hz
Consumption (Standard Operation)	50w
External communication	Modbus Serie RS-485
Internal communication	Modbus Serie RS-485
Operating temperature	-20°C to 60°C

Benefits:

- Independently records the production of sand from up to four wells.
- Eliminates personnel from the red zone.
- Accurate and consistent weight is recorded that can be visualized instantly.
- Plots the real-time weight per well.
- Provides the precise moment in time when the well was can release the equipment.
- Records the weight per well or individual separator in real time.
- Connects to MMi or SCADA telemetry (Modbus RS485) as standard.

Integrations:

- mSand
Autonomous and automatic sand removal system
- MMS
Master Manifold System
- mPower
Autonomous generating station
- Autogrease
Automatic lubrication unit

