

M7610 Gas Migration Tester

The M7610 Gas Migration Tester measures gas migration in real-time during the transitional period of setting cement. The M7610 continuously monitors and plots key test parameters, such as temperature, piston movement, balance output, slurry pore pressure, hydraulic pressure, formation gas flow, and formation gas pressure.

The M7610 Gas Migration Tester evaluates a slurry's gas migration potential and severity at downhole conditions, after cementing. The M7610 informs the user of what is the optimal slurry for a well.

When using our software, you can see the flow diagram of the Gas Migration Tester which clearly displays all the measurements alongside the parts of the machine.

Features

- You can lower the heat jacket for easy cell loading and removal
- Measures cement permeability
- Easy-to-use ultrasonic sensor measures piston movement
- Easy-to-understand user interface that displays the Gas Migration Tester's flow diagram and displays all the measurements alongside the parts of the machine
- Digital temperature control
- Electronic balance with data acquisition
- DAQ registers all parameters in real time
- User can program multiple temperature ramps
- Multiple units can be operated using one computer
- Many data exporting options
- Safety features

Specifications

Maximum temperature: 400°F (204°C)

Maximum pressure: 2,000 PSI

Operating system requirements: Windows 11

