

# Low Production Tester



Haimo's **Low Production Tester**–LPT is developed primarily to address accurate measurement of low flowing and slugging wells.

## Introduction

Accurate measurement of low flowing and slugging wells are always a challenge in the oil industry. Haimo's [Low Production Tester](#)–LPT is developed primarily to address this challenge. LPT is a compact skid mounted meter, which can be used as fixed or mobile unit, to accurately meter low flowing wells.



## Measurement principle

The multiphase flow is separated into gas and liquid in a vertical separator.

- Total liquid flow rate and water-cut is measured using Coriolis meter while gas is measured with a vortex meter.
- The level in the vertical separator is controlled by a combination of level transmitters in the vessel and the liquid control valve installed downstream the vertical separator.
- Data acquisition and computation, liquid level controls are done by Haimo's proprietary Data Acquisition Unit (DAU) / flow computer.

## Performance

Low Production Tester performance		
GVF		Uncertainty
0~100 %	Liquid Flow (Rel)	5%
	Gas Flow (Rel)	5 - 10%
	Water Cut (Abs)	2%

## Features

Accurately measures (oil /water /gas) flow

- Extremely low flowing marginal wells measurement
- Accurate and repeatable data
- Compact and skid mounted for easy deployment
- Fully automated with unique control strategy
- Real time electronic data acquisition

Low Production Tester

<http://www.haimotech.com/Products-and-Services/MPFM/Low-Production-Tester.html>

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