

High Performance Tester



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Introduction

Haimo **High Performance Tester** (HPT) is an excellent tool for field verification of meters including MPFM. The HPT gives client the benefit of in-situ verification of installed meters at actual conditions. The distinctive design with the combination of vertical and horizontal separation along with fully automated controls and electronic data acquisition system / flow computer marks the difference between a standard test separator and HPT.

Measurement principle

- Multi-Phase flow is separated into Gas phase and liquid phase for measurement.
- Gas is measured using Vortex meter.
- Total Liquid and Water Cut is measured using Coriolis meter.

Performance

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

Features

HPT acts similar to that of a conventional test separator system, but differs in the focus it lays on accuracy required for qualifying as a verification system. It eliminates the possibility of gas and liquid carry over, which are common factors for loss of accuracies in conventional systems.

High Performance Tester

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

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