

# Flow Metering Skids & Meter Provers



## Product Description

Ergil® provides expertise in all phases of your project, from concept and design through fabrication, delivery and start up with collaboration of Welker Flow, USA. WFMS is a unique measurement design and fabrication company dedicated to the manufacture of high quality, high resolution flow measurement systems.

WFMS gas and liquid metering and proving skids are used world wide on offshore platforms, production facilities, pipeline stations, and in refineries.

The WFMS SCS Meter Prover™ has been shown to be an order of magnitude better than conventional Bi-Directional Pipe provers.

The API standard on proving states the prover accuracy must be better than 0.02% but with the SCS Prover accuracy as high as 0.002% has been achieved.

## Product Benefits

- Complete Liquid Metering and Proving Systems using Positive Displacement, Turbine, Helical, Coriolis and Ultrasonic Meters.
- L.A.C.T Units.
- Meter Provers.
- Strainers Standard and Custom.
- Pump Packages.
- Measurement Control Panels on and off Skid.
- Sample Systems for Liquid and Gas.
- Natural Gas Proving Systems.
- Fuel Gas Skids.
- Pressure Regulating Systems.
- Low Pressure Natural Gas Filters.
- Orifice Meter Runs.



A Flow Metering Skid is a framed or moduled device on which different other assemblies are mounted for measuring gas or liquid flow rates. The main reason for utilizing a metering skid is to transfer custody. They are developed and constructed with the least amount of uncertainty in view. Simultaneously, they reduce operating and maintenance expenditures. Equipment for flow conditioning, filtration, automatic or manual operational sequences, draining, venting, safety, maintenance, lifting, proving, sampling, and other tasks are included on the metering skid. These skids or packages measure mass or volumetric flow rates according to client specifications. This package can also be used for additional treatments such as flow control and fluid cleaning, depending on the measurement needs.

A gas metering skid is a pre-assembled unit of a gas production facility that is used to measure gas products. It is mounted on a steel structure. Depending on the requirements, it can be installed onshore or offshore. Although numerous parameters are measured, the flow rate is the most important one. The measured flow rate might be either a mass flow rate or a volumetric flow rate, depending on the technology and user specifications. The metering skid is frequently utilized for additional operations such pressure reduction via control valves, filtration, and flow rate control via various types of flow control valves.

detail design and engineering, fabrication, assembly, testing, transportation, and commissioning of an ultrasonic flow metering kit for custody transfer An analyses and control system is included in the custody transfer flow metering system with prover.

Äger has a lot of experience in custody transfer flow metering systems, both designing and fabricating. Clients and third-party inspectors examine our quality system and performance on a regular basis. Learn more about our project strategy and who we are.

## Äger GmbH

### Germany Head Office + R&D + Sales

Herzogspitalstraße 24  
Munich 80331  
Germany  
+49 (0) 89 1250 15240  
www.aager.de  
sales@aager.de

### Turkey Head Office + Sales

Ağaoğlu My Office 212  
No: 3 B Blok /175  
P.K 34218 Güneşli – Bağcılar  
Istanbul / Turkey  
+90 212 485 40 07  
+90 212 485 40 42  
www.ergil.com  
sales@aager.de

### Turkey Factory + Engineering + R&D + Sales

Mersin Tarsus OSB.13.CD.NO:7  
P.K: 33540 Mersin, Turkey  
+90 324 676 44 04  
+90 324 676 44 03  
sales@aager.de

### U.A.E. Sales + Warehouse

Jumeirah Lake Towers, X2 Tower 1906  
P.O. Box: 123661 Dubai, U.A.E.  
+971 4 450 8051  
+971 4 450 8041  
sales@ergil.com

### data sheet series

Flow Metering Skids &  
Meter Provers

Revision No: 02

ER-DS-FMS-04.23/V2  
ergil.com

**A p r i l 2023**

