

## Data Sheet

# 30-Degree Blade Tip Rotors Mark II and Auto-Adjust™ (AAT) Turbo-Meters

CONSIDER THE ADVANTAGES OF  
EQUIMETER TURBO-METERS WITH  
30-DEGREE ROTOR BLADE ANGLES

*Expanded Capacity – Same Meter  
Body*

- 50-64% More Flow Capacity
- Available on AAT and Mark II Turbo-Meters – 4"-12" (100mm-300mm)
- Simple In-line Module Replacement Allows Upgrades of 45° Models to 30° Models
- Same Meter Accuracy & Body Size
- Same Installation and Maintenance Methods
- North American and International Approvals



Equimeter's original 45° blade tip rotor for Turbo-Meters (left) and the 30° rotor for expanded meter capacity (right). Equimeter now offers either rotor in its popular Mark II and patented AAT lines.

### Increases In Meter Capacity You Gain By Using 30° Rotors In Equimeter Turbo-Meters

Meter Size	Rotor Angle	Meter Model (Mark II/AAT)	SCFH / NM <sup>3</sup> /hr Rating	Increased Capacity
4" (G250)	45°	T-18/AAT-18	18,000/510	50%
4" (G400)	30°	T-27/AAT-27	27,000/760	
6" (G650)	45°	T-35/AAT-35	35,000/1,000	63%
6" (G100)	30°	T-57/AAT-57	57,000/1,620	
8" (G1000)	45°	T-60/AAT-60	60,000/1,700	50%
8" (G1600)	30°	T-90/AAT-90	90,000/2,550	
12" (G2500)	45°	T-140/AAT-140	140,000/3,970	64%
12" (G4000)	30°	T-230/AAT-230	230,000/6,520	

*Contact your Equimeter representative for more information on expanded capacity  
30° rotor Turbo-Meters.*

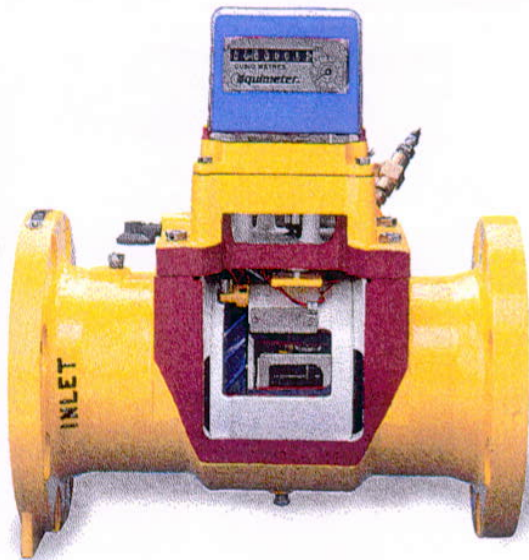
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An Invensys Company

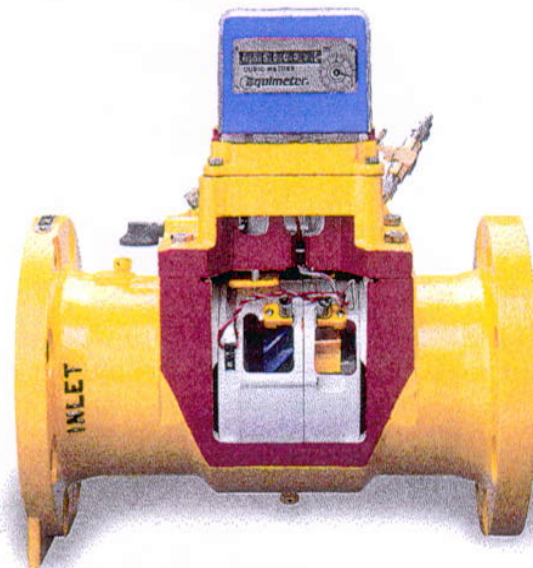
# Equimeter Turbo-Meters

Superior Accuracy - Reliable Performance - Technology Leadership  
Meet all Applicable ISO & OIML Standards



## Mark II & Mark IIE Turbo-Meters (G50-G4000)

The world's most popular turbine meter provides unprecedented single rotor accuracy.



## Auto-Adjust Turbo-Meters (G250-G4000)

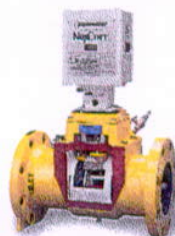
The world's most advanced and accurate turbine meter provides Continuous Measurement Certainty™.

Features	Mark II/Mark IIE	Auto-Adjust	Benefits
ISO and OIML Standards	✓	✓	Approved for usage worldwide
*30 Degree Rotor Blade Angles Available	✓	✓	Multiple capacity ranges from each body size
Blade Tip Sensors	✓	✓	Greater reliability and high-resolution output
Built-in Straightening Vanes	✓	✓	Improved accuracy
Aluminum Rotors & High Performance Bearings	✓	✓	Improved accuracy and meter life
Moving Parts Contained in Sealed Module	✓	✓	Improved meter life
Self-Checking & Self-Adjustment		✓	Continuous Measurement Certainty™
Remote Monitoring of Adjusted and Corrected Volume		✓	Provides up-to-the-minute problem notification & savings quantification
Field Proving		✓	Accurate in-line proving – No by-pass or spin test necessary

\* Not available on Mark IIE – G50 & G80



NexCorr Volume Corrector



DN100 - DN300 (4"-12") Mark II Turbo-Meter and Nexcorr Corrector



DN100 - DN300 (4"-12") AAT with Auto-Corrector The AAT System



DN50 & DN80 (2" & 3") Mark IIE Custody Transfer Turbo-Meters



Complete Line of Service, Industrial, and Large Capacity Regulators