

SonicLaser™ SensingTechnology

Model 300 OCF

Volume Flow Calculation - Built-in

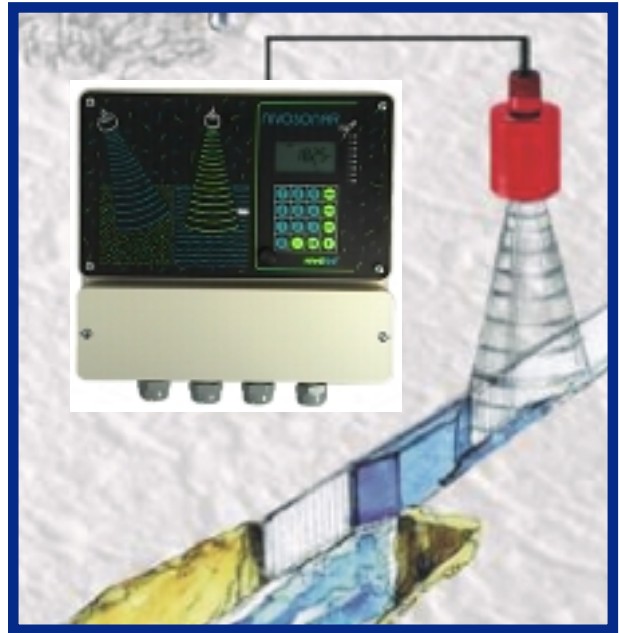
- 9 pre-programmed Parshall flumes
- General Parshall flume formula
- Venturi flume formula
- Palmer-Bowlus flumes formula
- 7 popular weir formulas
- General flow formula
- 32-point linearization

Various engineering units

Two Volume Flow Counters
(Independent)

ADVANTAGES

- **SonicLaser™ Technology**
- **Non-contact measurement**
from 4" to 230 feet
- **Built-in Overvoltage Protection**
- **Robust Industrial Design**
- **Outputs**
4-20 mADC Output
RS-485 digital interface
- **Differential Level Metering**
(screen/rake control)



HiTECH's SonicLaser™ Open Channel Flow Meter is a two-part monitoring system that utilizes a unique narrow focused sonic beam technology to measure flow in an open channel.

At installation, the operator merely enters data into the processor unit for the flume or weir type being used and the height of the sensor above it.

In operation, the level in the channel is measured by the **SonicLaser™** sensor and fed to the processor unit which computes the actual flow rate and the total flow.

The system functions with open channels or closed pipes, carrying water or sewage. In free discharging, nonpressurized pipes a flume would be required in a section of the pipe.



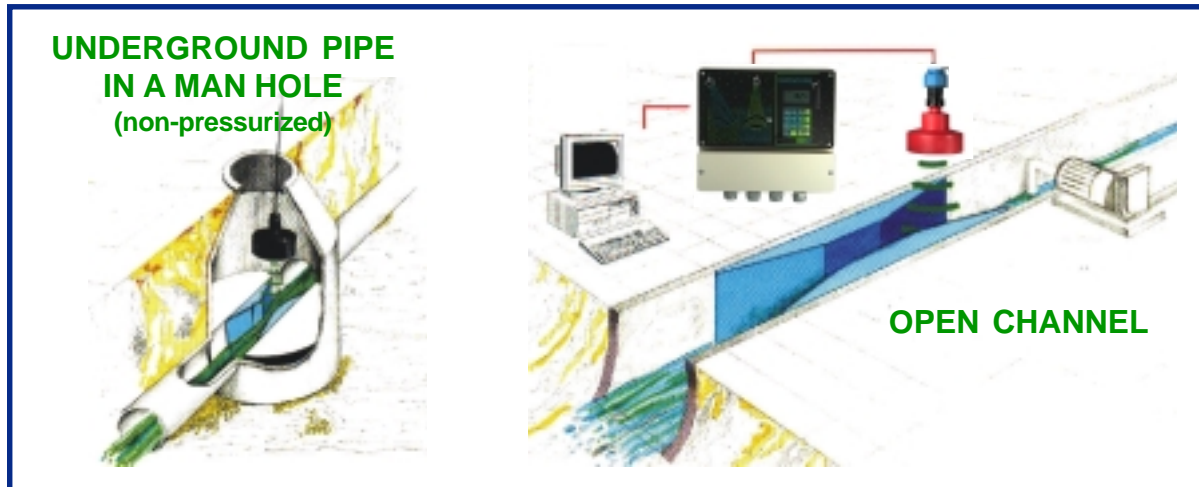
HiTECH

Technologies, Inc.

SonicLaser™ OPEN CHANNEL FLOW METER

Model 300 OCF

APPLICATIONS



Flow monitoring applications include:

Water Treatment Facilities for both Water and/or Sewage

Industrial Discharges of Wastewater

Rainfall/storm Water Studies

Inflow/infiltration Evaluations

Water and Sewer System Analysis

PERFORMANCE GUARANTEE

Since 1986, every instrument sold by **HiTECH** has been guaranteed to perform in the application it originally was engineered and recommended for. Our company policy remains the same, every product sold comes with a written performance guarantee.

Should the equipment be unable to perform satisfactorily in your application and we are not able to correct the problem, we will accept the instrument in return and issue full credit.

This performance guarantee is valid for 60 days. Thereafter, our standard limited two years factory warranty goes into effect.

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HiTECH Technologies, Inc.

301 Oxford Valley Road, Yardley, PA 19067-7706

Technical support: 800. 755. 4507

Tel: 215. 321. 6012 Fax: 215. 321. 6067 www.hitechtech.com