

HiTECH

Technologies, Inc.

Two-Part **SonicLaser™**

LEVEL TRANSMITTERS

SonicLaser™ Sensing Technology

Model 300 series

IDEAL for

- ◆ Breweries
- ◆ Chemicals
- ◆ Food Processing
- ◆ Pharmaceuticals
- ◆ Power Plants
- ◆ Pulp & Paper
- ◆ Water & Wastewater



ADVANTAGES

- **SonicLaser™** and **SenSonar™** Technology
- **Non-contact measurement**
from 4" to 230 feet
- **Easy Set-up**
 - Engineering Units
 - Up to 8 programmable relays
 - Pre-programmed linearizing functions
 - Open Channel Flow
 - Non-uniform Vessel Shape
 - Factory Pre-programming (Available)
 - Instant Start-up
- **Built-in Overvoltage Protection**
- **Robust Industrial Design**
- **Outputs**
 - 4-20 mADC Output
 - RS-485 digital interface

NIVOSONAR 300 is **HiTECH's** line of **Two-Part SonicLaser™** level transmitter incorporating the unique narrow focused beam technology suitable for; single channel, dual channel, differential, open channel flow and scanning systems.

The concentrated **SonicLaser™** beam pattern penetrates dust, vapors, varying temperature layers and foam far better than any other system presently available.

In addition, the patented **SenSonar™** transducer technology allows detection of much smaller echoes than previously possible and the new Quest+ software successfully eliminates any potential problem.



HiTECH Technologies, Inc.

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Technical support: 800. 755. 4507

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

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SPECIFICATIONS

Model ECHOTREK

SI-300 series

Ultrasonic sensor for liquids with **SenSonic™** transducer technology.

Temperature compensated

Built-in lightning protection

NEMA 4X housing

Temperature: -4°F - 176°F

SS-300 series

Ultrasonic sensor for liquids with **SenSonic™** transducer technology.

Temperature compensated

Built-in lightning protection

NEMA 4 housing

Temperature: -22°F - 194°F

SID-300 series

Ultrasonic sensor for free flowing powders and bulk solids with **SenSonic™** transducer technology.

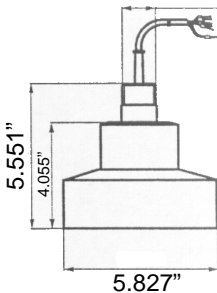
Temperature compensated

Built-in lightning protection

Heavy duty epoxy coated aluminum housing NEMA 4X

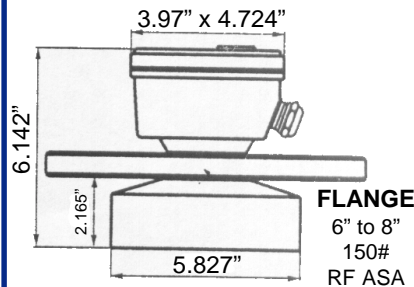
SI-32

Range: 14" - 33'



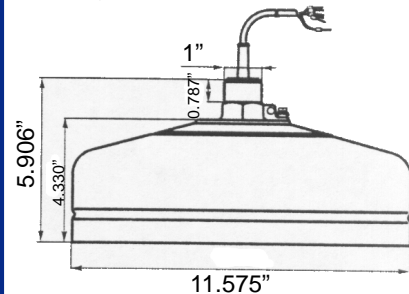
SS-32

Range: 20" - 82'



SID-310

Range: 4' - 164'



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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