

HiTECH

Technologies, Inc.

EchoTREK™
THE NEXT GENERATION

SMART

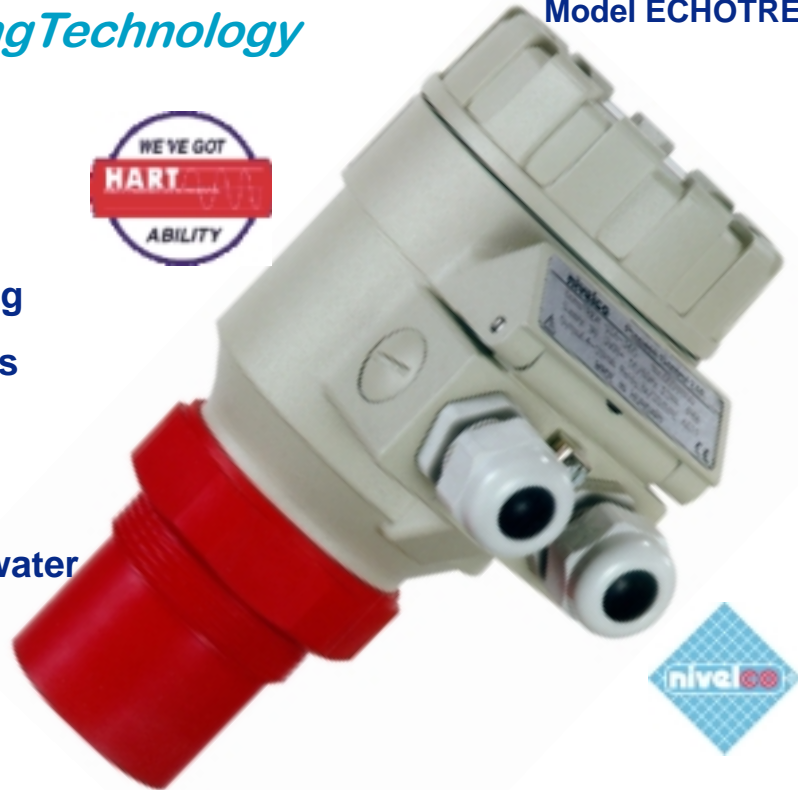
LEVEL TRANSMITTERS

SonicLaser™ Sensing Technology

Model ECHOTREK

IDEAL for

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



ADVANTAGES

- Simple intuitive programming
- 4 to 20ma PLUS programmable relay outputs
- 32-point linearization
- 2 x Fixed target suppression
- Built-in sensor for full range compensation
- Several operating modes:

Basic: Simple start up and 4/20 mA programming using a supplied magnet

Sophisticated: Using the plug-in programming module which includes a 5 digit custom LCD display, the operator can choose between a menu driven QUICKSET, full parameter programming or a simple calibration of the analog output.

Digital: For remote information transfer and programming: HART, Profibus PA and Modbus are available options.

EchoTREK™ is **HiTECH's** new line of **SMART** level transmitters incorporating the unique **SonicLaser™** technology, combined with HART, Profibus PA or Modbus protocols.

EchoTREK™ compact transmitters include the latest version of the field proven **QUEST II™** advanced, process adaptive signal processing software to identify and validate the surface signal.

HiTECH's SonicLaser™, utilizing unique patented technology, is the best available ultrasonic level measurement system on the market today. Presently there are over 20,000 narrow beam **SonicLaser™** sensors, successfully operating worldwide, in various harsh industrial processing environments



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301 Oxford Valley Road, Yardley, PA 19067-7706

Technical support: 800. 755. 4507





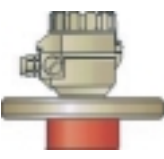


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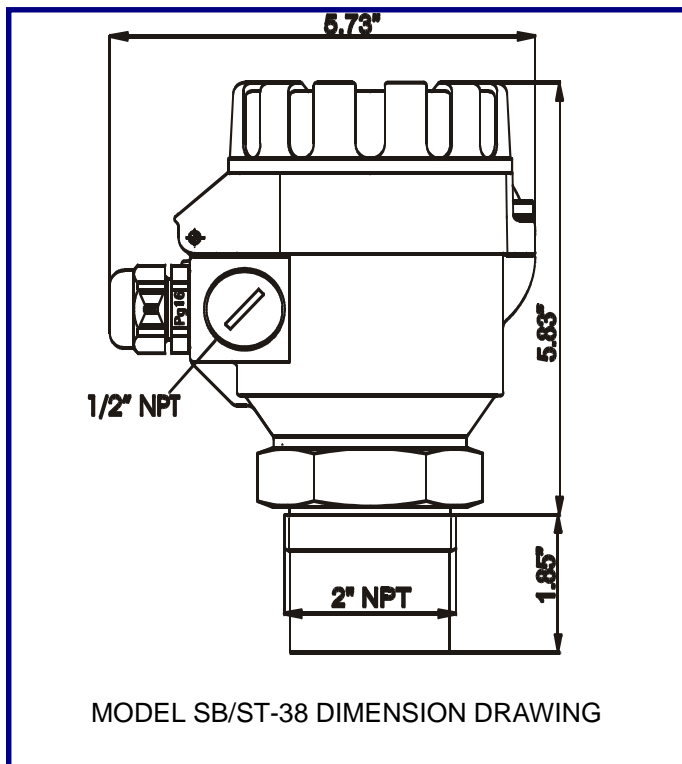
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Model ECHOTREK

SPECIFICATIONS

						
	Type	SB/ST-39	SB/ST-38	SB/ST-37	SB/ST-36	SB/ST-34
Range	13 ft (4 m)	20 ft (6 m)	26 ft (8 m)	33 ft (10 m)	50 ft (15 m)	82 ft (25 m)
Dead band	8" (0.2 m)	10" (0.25 m)	14" (0.35 m)	14" (0.35 m)	16" (0.4 m)	2 ft (0.6 m)
Total beam angle	6°	5°	6°	5°	5°	6°
Process connection	1 1/2" thread	2" thread	2" thread	Flange	Flange	Flange
Enclosure	Sensor: NEMA 4X & 6, Housing: NEMA 4					
Materials	Sensor: PP, PVDF, PTFE or 316 SS TI Housing: Plastic or Powder paint coated die-cast Aluminium					
Process temperature	-22°F to 194°F (-30°C to +90°C) [flush flange mounting St. st. sensors are suited for CIP]					
Supply	4-wire versions: 80 to 255 V AC or 24 V AC/DC					
Outputs	4/20 mA, RS-485, HART*, Relay (SPDT)					



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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