

# **HiTECH**

Technologies, Inc.

# **EASYTREK** **SOLIDS up to 100 ft.**

## *Innovative Digital Ultrasonic SonicLaser Technology*

EasyTREK SCD-series

**Direct PC  
interface via  
HART/USB  
modem.  
Free software  
on CD.**

### **Ideal for powders and bulk solids:**

Carbon black - Fly Ash  
Cement - Lime - Sand  
Coal - Coal Powder  
Plastic Pellets - PVC  
Rocks - Gravel - etc.

### **ADVANTAGES:**

**Economical - Low Cost**

**Direct PLC interface**

**HART Programmable**

**Narrow beam angle 5°**

**Ships pre-programmed**

**Low cost wiring installation.**

**15 transducers to one  
Multicont interface via one  
twisted shielded pair.**



**HiTECH's EasyTREK** ultrasonic level system is very economical, yet includes all features required for accurate, reliable and dependable level controls.

The surface mount technology circuitry of the **EasyTREK** level system enables the unit to reliably measure the level of process materials independent of dust, angle of repose vapors and materials that may build-up on the transducer head.

With its self-contained and compact transducer the system is simple and quick to install, with the special split 6" 150 lbs. PPN flange.

Other features built-in are: A heavy duty 3 amp. relay as well as programmable high or low fail-safe functions.

**HiTECH's EasyTREK™** model SCD-300 series is the ideal choice as your standard non-contact inventory level system.

**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](http://www.hitechtech.com)

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## **EASYTREK DIGITAL ULTRASONIC SONIC LASER SYSTEM**

### **SPECIFICATIONS**

EASYTREK SCD-XX

#### **Fail-Safe Modes**

Relay:  
Low or High level, programmable.  
Current output:  
Programmable current output

#### **Operating Temperature Range**

General Purpose - 22° to 140°F  
ATEX EX -4° to 140°F

#### **Resolution**

.39" (10 mm)

#### **Accuracy**

0.2% of measured distance +  
0.1% of actual range

#### **Damping**

3 - 1000 seconds

#### **Current output**

4 - 20 mA, R<sub>t</sub>max 600 Ohms  
galvanic isolation surge prot.

#### **Relay Contacts**

SPST contacts, rated at 5 amperes,  
48 VAC/5A A12.

#### **Power Requirements**

11.4 - 40.0 VDC/3.6 W  
11.4 - 28 VAC/ 4 VA

#### **Joy stick**

Standard aluminium aiming stick  
Optional: 316 SS

#### **Process Pressure**

11.0 PSIG - 16.2 PSIG

#### **Digital communication**

HART

#### **Electrical connection**

9.8 ft. Six conductor shielded

#### **Approvals**

ATEX certified Dust EX

### **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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