Targets:	Ferrous and nonferrous metal, mesh, plastic, rubber, paper, or fabric. Minimum target size .25 inch (6.35 mm) wire up to 50 inches (1.3 M) away; 1.0 inch (25 mm) strip up to 253 inches (6.4 M) away.
Set-Up:	Simple 3 button set up calibrates the unit in <15 seconds. PC software interface allows more refined set up. Download free software at coiltek.com. Program and store up to 8 separate control programs in FLASH memory. Three stored programs can be accessed from a remote switch or PLC.
Range:	16 inches (152 mm) to 360 inches (9.1 M) from the sensing head. To operate over a looping pit, simply reverse the base plate.
Control Span:	Output signal varies from minimum to maximum over this distance. Set Control Span anywhere within the 6 to 253 inch range. Using PC software span is 1 inch (25 mm) minimum to 354 inches (9 M) set in 1 inch increments.
Resolution:	Analog: 10 bit (0.171 mm) @ 68 degrees Fahrenheit. Digital: 16 bit.
Control Output:	0-10 VDC or 4-20 mA (scalable). Output is linear, proportional to target position within the control span. Switch inverts signal slope for takeup or payout operation. Outputs are referenced to power supply ground.
Discrete Outputs:	Three Discrete Open-Collector Outputs: NEAR, FAR, and CONTROL. All three are referenced to a single isolated common. With standard manual set-up, NEAR and FAR outputs trip at the control-span limits and the CONTROL relays are inactive. With special manual operation or PC setup the user can set NEAR trip point above the control range. The CONTROL relays are set exclusively by PC computer and can turn ON at one preset distance and OFF at another. The open collector outputs will work with relay coils rated 24VDC or less with a maximum continuous current of 150mA. Relay coil must be diode protected.
Computer Interface:	Coiltek CSWin software allows interactive programming of all functions with simple-to-use, menu-driven software. Accepts standard PC USB.
Electrical:	Standard: 120 or 240 VAC single phase. May be ordered less supply for 24 VDC operation.
Environment:	Hinged cover NEMA 12 enclosure. Knockout provided for cabling.
Housing:	Temperature 32 degrees to 184 degrees Fahrenheit (0-70 C). Humidity 5% to 95% (non-condensing).

**All units shipped UPS or FedEx. Next day air service available.
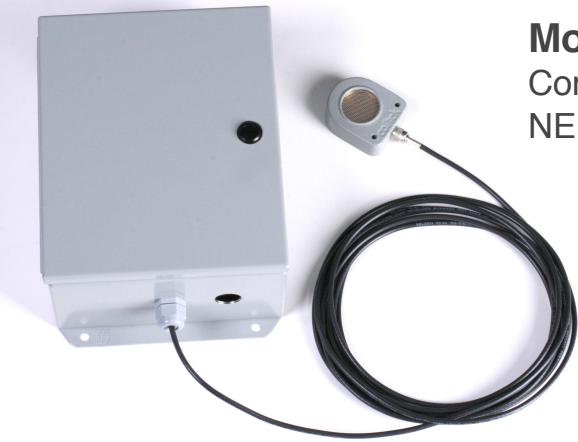Made with pride in the USA.**

coiltek®

CS-6200

The Industry Standard in Ultrasonic Loop Controls

- For Payout & Takeup

- Control Output: 0-10 VDC & 4-20 mA

- Microprocessor-Driven

- Fast Set-Up & Calibration

- Affordably Priced

- Multiple Program Storage

The CS-6200 Series Ultrasonic Loop Control Systems

Model CS-6201
Comes pre-assembled with NEMA, as shown below.

Model CS-6202
Stand-mounted version of the CS-6200

Model CS-6200LPS
Lowest cost option, ships without 24V power supply.

Ordering Information

Model CS-6200 ships as a DIN rail mounted card and power supply, with cable and CSHX1D head included.

Model CS-6201 ships as shown at upper left, pre-assembled with the DIN rail pieces mounted to a backplate within a NEMA enclosure.

Special Option also Available:

Stand-mounted CS-6200 series control the **CS-6202** All the convenience of the CS-6200 with portable stand. Perfect for applications running small stock such as hosing and tubing.

Accessories for the CS-6200 Series

The 3CPO

Allows remote access to up to 3 saved programs via selector switch on NEMA enclosure.

Snap-in relays

Additionally, you can order a snap-in relay to be included with your unit, giving you a dry contact for any required control purpose.

coiltek ®