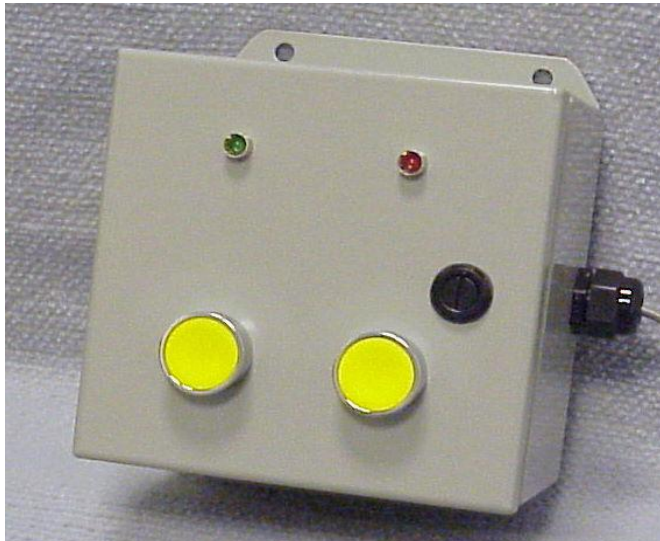


# Remote Correction Control Panel for Quarter-Trol Registration Control System

**Scanning  
Devices**



## Summary – Remote Correction Control Panel

Now you can make Differential or PIV corrections from a remote location up to 75 feet away from your primary Quarter-trol Registration Control unit. Simply use the push buttons on the front of the Remote Panel to make corrections in forward or reverse directions.

Connection to the Quarter-trol is simple. Just attach the wires from the Remote Correction unit to the correct screw terminals in the Quarter-trol enclosure. Red and Green lights on the front panel indicate when correction motors are engaged and the direction of the correction being made; Green for Forward, Red for Reverse. The Remote Correction unit has built-in logic that prevents automatic corrections, generated by the Quarter-trol unit, from conflicting with corrections made by the line operator at the remote location. No additional power is needed at the Remote location; power is supplied from the connection to the Quarter-trol panel.

## Features/Capabilities

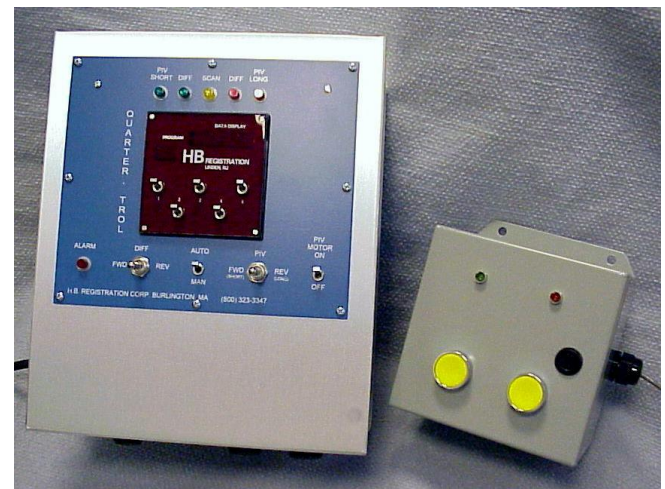
- Easy operation – 2 control switches (forward and reverse corrections) and two indicator lights
- Flexible set up - allows installation for either Differential or PIV corrections
- Quick installation
  - 4-wire connection to Quarter-trol terminals
  - Powered from Quarter-trol System, no addl. AC needed
- In-process registration adjustments can be made while the master Quarter-trol is in “Auto” mode
  - Built-in logic prevents automatic Quarter-trol corrections from conflicting with operator corrections
- Panel display lights indicate when correction motors are engaged by operator or automatically by Quarter-trol
- Dimensions: 6”W \* 6”H \* 4”D w/ Cable lengths up to 75 feet.
- Order Part Number 10-0355

## Quarter-trol by HB Registration

Scanning Devices manufactures the HB Quarter-trol system, a bi-directional proportional registration control system with automatic repeat length variation adjustment. It is ideal for applications where a web operation must be synchronized or registered to a mark. Die-cutting, bag-making, can winding, and label application are all proven applications for the Quarter-trol system.

Using an optical sensor to detect the registration mark and a rotary shaft encoder to monitor the position of the process tool, Quarter-trol measures the deviation from registration and generates correction signals proportional to the registration error detected. It then delivers outputs used to drive correction motors that will automatically adjust tool position back to proper registration.

Now, with the addition of a Remote Correction Control Panel, an operator can make on-the-fly Differential or PIV corrections without walking back to the main Quarter-tol Panel. This makes in-process adjustments more convenient.



## Other Products From Scanning Devices, Inc.

- Bi-directional and Registration Measurement Control Systems
- Selector Switches
- Registration Mark Scanners
- Fiber Optic Light Guides
- Standard and Heavy-duty Rotary Shaft Encoders
- Correction Motors
- Custom Cables and Switches
- Bar Code Verification Equipment

More information about Scanning Devices products and services is available at:

[www.scanningdevicesinc.com](http://www.scanningdevicesinc.com)