

## 9256 Single Function Control box:



### Single function control box elevation or slope on a single scraper:-

- Automatic control for either elevation or slope on a single scraper.
- Survey function adds then average elevation.
- Tough, durable environmentally sealed switches.
- Bright 3-color LED grade lights.
- Dial grade knob with 0.1' detent increment.

### Specifications:-

- Power: -
  1. Supply voltage 10-30v
  2. 0.5A typical operating current.  
10.5A maximum operating current.
- Emissions:-

Application regulation: EN55022:1994

  1. 30-230MHz 40.0db (mV/m)  
Max at 10m
  2. 230-1000MHz 47.0db (mV/m)  
Max at 10m

- Environmental: -
  1. Operating Temp. -20 to 60deg C
  2. Water proof MIL STD 810D
  3. Method 506 or IP\*6
  
- Automatic Control:-
  1. Valve type Sink, Source, Servo, Solenoid, Danfoss.
  2. Valve driver over current protection.
  
- Physical:-
  1. Display 240\*64 STN LCD or 3 ½ digit 7-Segment w/custom symbols.
  2. LED display grade indicators.
  3. Back light large, backlight custom LCD

### Features:-

- Simple operation means decreased training.
- Most advanced graphical display control box.
- Best remote switch operation.
- Smoothest, most consistent hydraulic response.
- Highest slope capabilities (up to 100%).

### Extra Features which makes the system five advanced from others:-

#### Averaging:-

The averaging setting changes the amount of damping, or Filtering, applied to the laser receiver or elevation sensor Measurements. This system is very useful on windy days.

#### Valve Offset:-

The valve offset is the minimum amount of electrical signal Sent to the valve this causes the Hydraulic cylinder to Move. By setting the valve offset, we can find the smooth Movement of the Hydraulic actuators.

### Survey:-

- In Survey mode the TM-1 and LS-B2 raise to stay in the laser beam while the scraper floats over the existing ground.
- Elevation difference can be seen on the LCD.
- System five also will auto record taking elevation shots every second.



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