

## CONTROL BOX:

Make: MEI USA  
Model: AGL MCS 312  
Input Power: 12 or 24 V DC operation. Negative Ground. Nominal 10 Amps Minimum Current Requirement.

Requirement: 15 Amp maximum with mast Drive Outputs Note: 12 V DC Mast Motor and Solenoid Valve Coils are standard. Specify 24 V DC if required.

Display: LED Inductors for visual adjustments and rough grading.  
Channels: 7 (Display 7 positions: as:-  
1<sup>st</sup>:- out of Laser beam from upper side,  
2<sup>nd</sup>:-Low grade level with in 3",  
3<sup>rd</sup>:- Low grade level with in 1",  
4<sup>th</sup>:- ON GRADE LEVEL,  
5<sup>th</sup>:- High grade level with in 1",  
6<sup>th</sup>:- High grade Level with in 3",  
7<sup>th</sup>:- out of Laser beam from lower side.)

Electrical Connections: Standard military type  
Valve Compatibility: Proportional time (On/Off) only.  
Remote switch option: Raise/Lower , Auto/Manual switches.  
Output Power: 5 Amp Maximum per Solenoid Valve or Mast Drive.  
2.5 Amp Maximum during Short Circuit Condition.  
Temperature: -20°C to 70°C.



## RECEIVER:

Water & dust proof detector having following specifications.

Make: MEI USA  
Model: AGL EZ GRADE 360  
Reception: 360°(Degree)  
Operating Range: 450m (1476ft) Radius Laser dependent  
Capture height: 8" (203.2 mm)  
Vertical Reception: Not Less than 203.2 mm  
Channels: 7 (Display 7 positions: as: -  
1<sup>st</sup>:- out of Laser beam from upper side,  
2<sup>nd</sup>:-Low grade level with in 3",  
3<sup>rd</sup>:- Low grade level with in 1",  
4<sup>th</sup>:- ON GRADE LEVEL,  
5<sup>th</sup>:- High grade level with in 1",  
6<sup>th</sup>:- High grade Level with in 3",  
7<sup>th</sup>:- out of Laser beam from lower side.)

Laser Type: Visible or Infrared  
Battery life: Alkaline (40 hrs) Ni Cad (20 hrs)  
Body: Shock Resistance, molded rubber  
Window: Polycarbonate  
Control: Bright/ off/ Dim  
Clamp Capacity: 1" (2.54 cm) to 2" (5.08 cm) o. d.  
Accuracy: + 1/8" (+4mm)  
Operating Temperature: -20°C to 70°C.  
Accessories: Carrying case, operational manual for Control Box & Receiver



Warranty

Free: One Year for parts and service  
Extended: Five Year for parts and service  
on payment

