

## General

The measuring head is a heavy duty wrap around device used for measuring wireline depth, speed & weight.

Measuring head design is very strong with steel or aluminium plates for the frame, wire guide rollers that c/w easily replaceable bearings & utilizes 3 wheels and it is mounted by linear bearings to facilitate easy lateral movement to the heavy duty traverse/spooler assembly.

SOP Measuring head comes in two different models for light duty & heavy duty wireline applications.

1. Model : LD-MH 8/3 - light duty measuring head c/w 8" flat surface measuring wheel & high grade aluminum frame construction.  
Suitable for wireline sizes : 0.072", 0.092" & 0.108".
2. Model : MD-MH16/3 - medium duty measuring head c/w 16" flat surface steel measuring wheel & high grade aluminum frame construction.  
Suitable for wireline sizes : 0.072", 0.092", 0.108", 0.125" & 3/16".
3. Model : HD-MH16/3 - heavy duty measuring head c/w 16" flat surface steel measuring wheel & steel frame construction.  
Suitable for wireline sizes : 0.072", 0.092", 0.108" , 0.125", 3/16", 7/32" & 1/4".

### Depth output :

Depth output for different wireline size is achieved by changing the measuring wheel according to type of wireline & unit.

Optional digital/optical pulse encoder can be fitted.

### Tension output :

Measuring head incorporates compression type hydraulic load cell within the frame assembly, to change out load cells for higher range capacity is simply done.

For different capacity tension output compression type weight indicator system please refer weight indicator ordering specification & code sheet.

