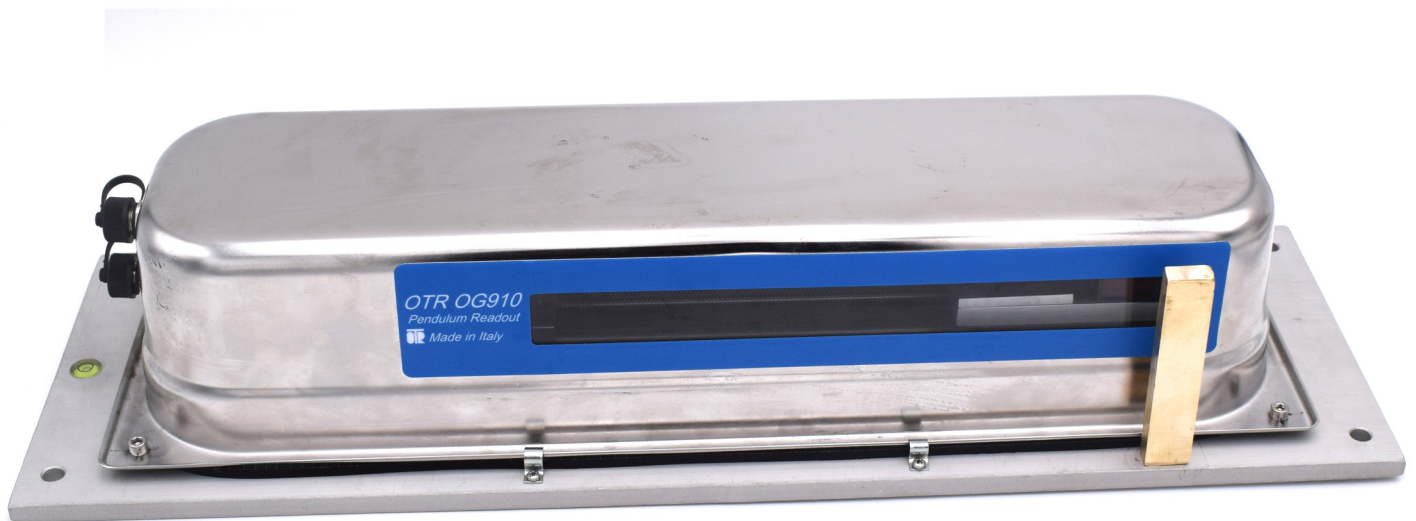




Automatic Pendulum Readout



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Automatic Pendulum Readout



WARNINGS



This instrument must be utilized only for the application it has been designed for, OTR declines all responsibility for any improper use.



Always disconnect the instrument from the electricity grid before open the box.



Do not put the instrument in flammable liquids or potentially explosive gases.



Do not use the instrument in water where an electric dissipation is in progress.



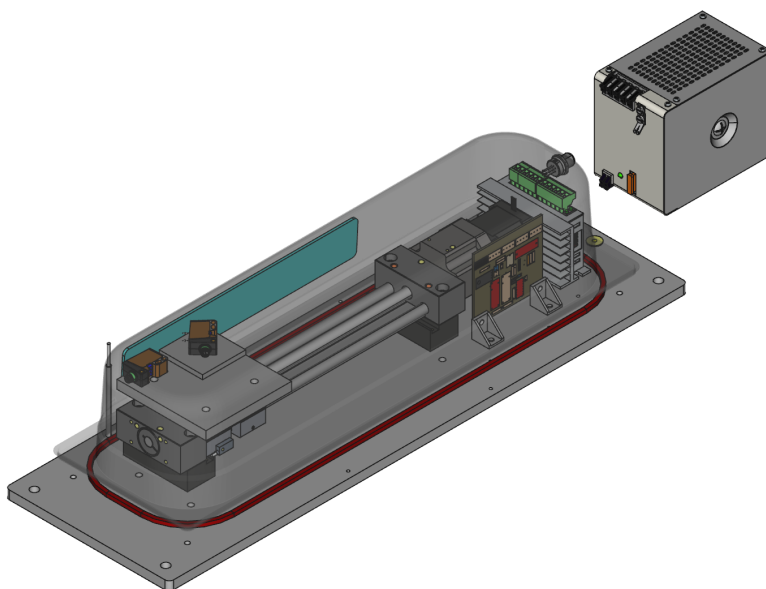
Use protective gloves.

Furthermore

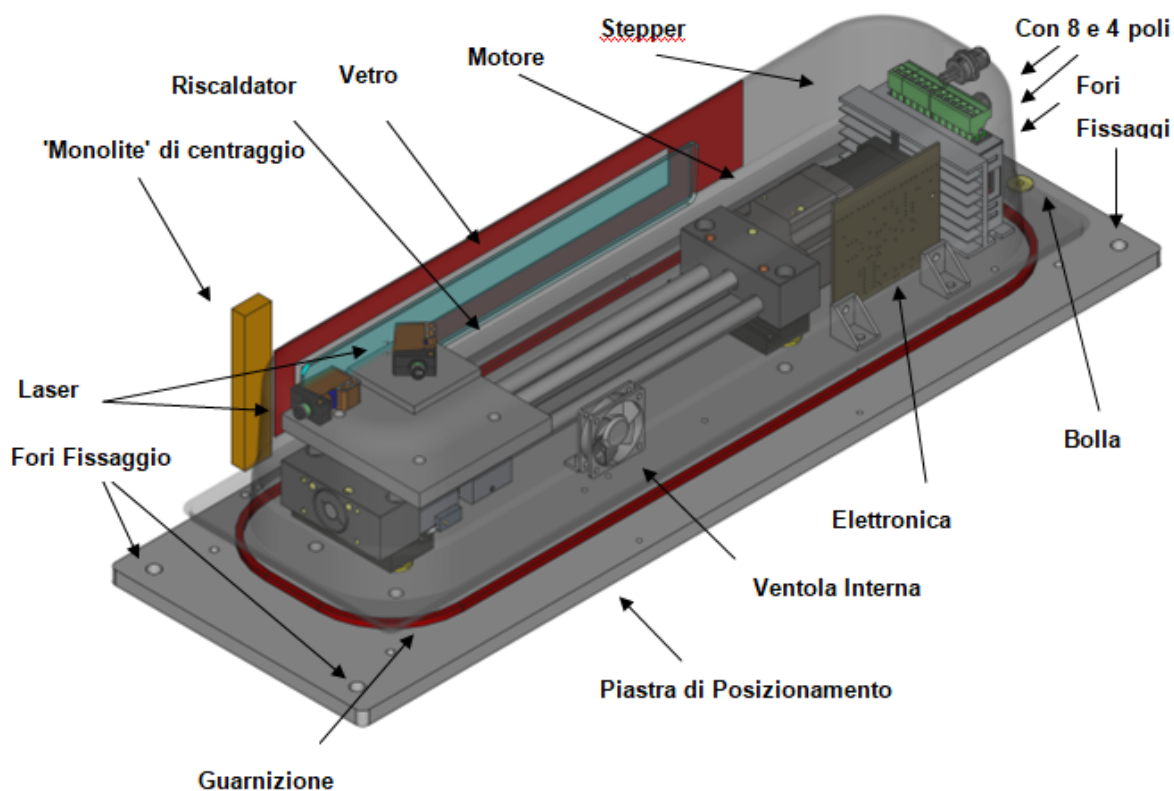
- Do not open the instrument, contact the manufacturer for checks and repairs;
- Keep out of reach of children;
- Do not connect the instrument to the readout unit with wet hands;
- Clean the instrument and its cable with alcohol or water, do not use acetone or aggressive liquids for plastics or labels;

Application

Telecordineter allows the misuration of placement of rope's pendulum (Direct or Reverse). In particular is used to monitor: Dams, Viadutcts' stacks and Towers,



Description



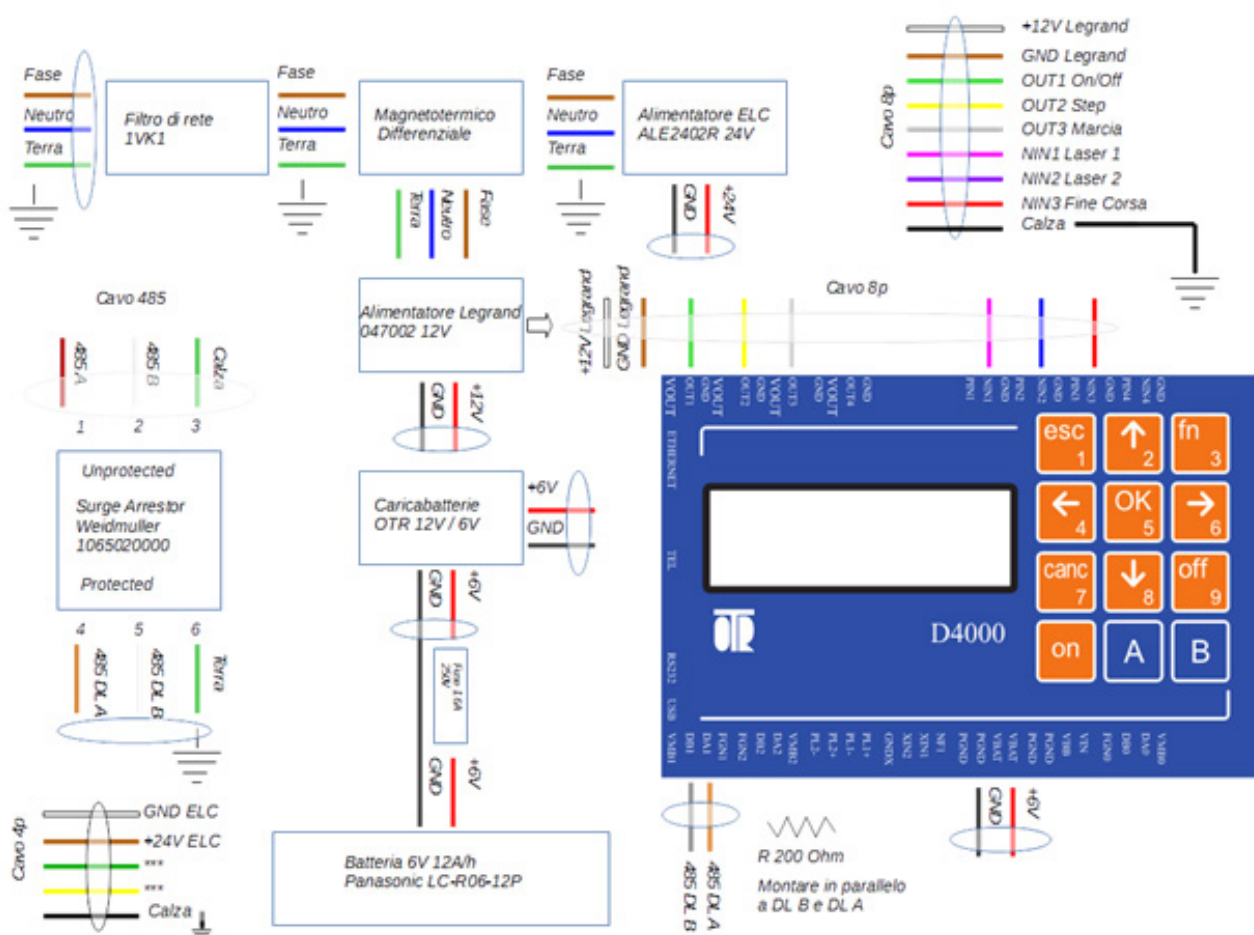
System is made up by:

- OG910 measurement instrument;
- A power supply box containing:
 - Power Supply;
 - Datalogger D4000;
 - Datalogger's Backup battery;
 - Charger;
 - Surge protection;
 - Differential and magneto-thermal switch;
- A couple of cables that links box to Measurement Instrument;
- Possible Frame to monitor the floor.

Identification

Every system OG910 is identify by:

- Instrument Serial Number;
- Box power supply and datalogger D400 Serial Number.



Installation

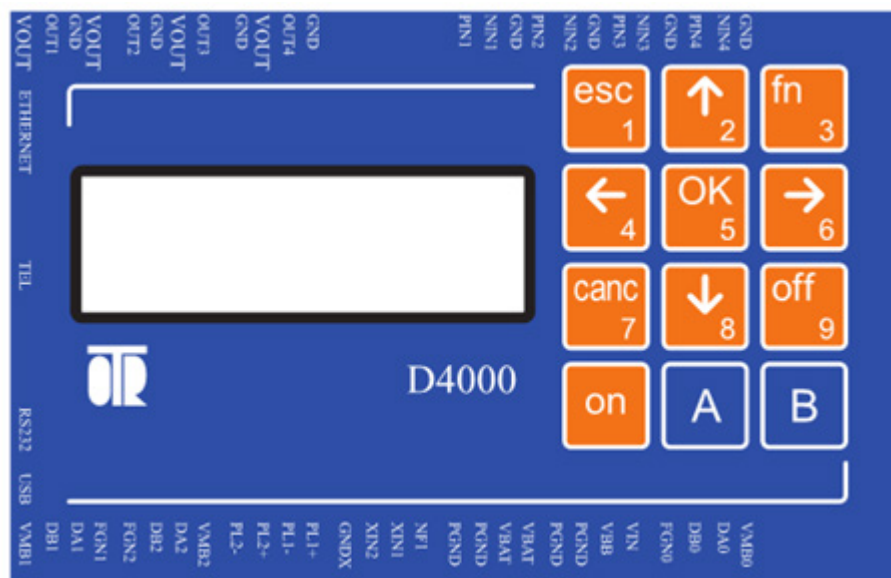
Frame Standard placement

To obtain an easy placement of the Automatic Pendulum Readout is necessary to fix the standard measurement frame in a position usefull to maintain the rope (of which the position isn't changable) about 50% of the measurement range (X and Y axes). In this way you can follow the rope about $\pm 50\text{mm}$ for both the measurement axes.

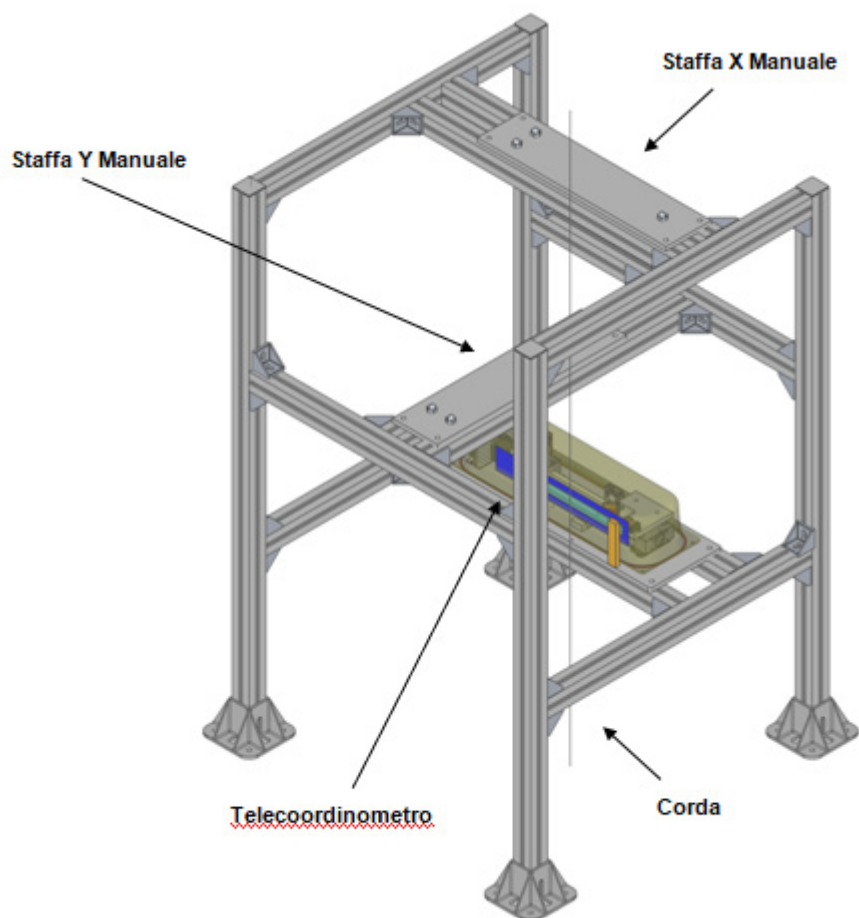
To obtain this position pay attemption to the followings drowings.



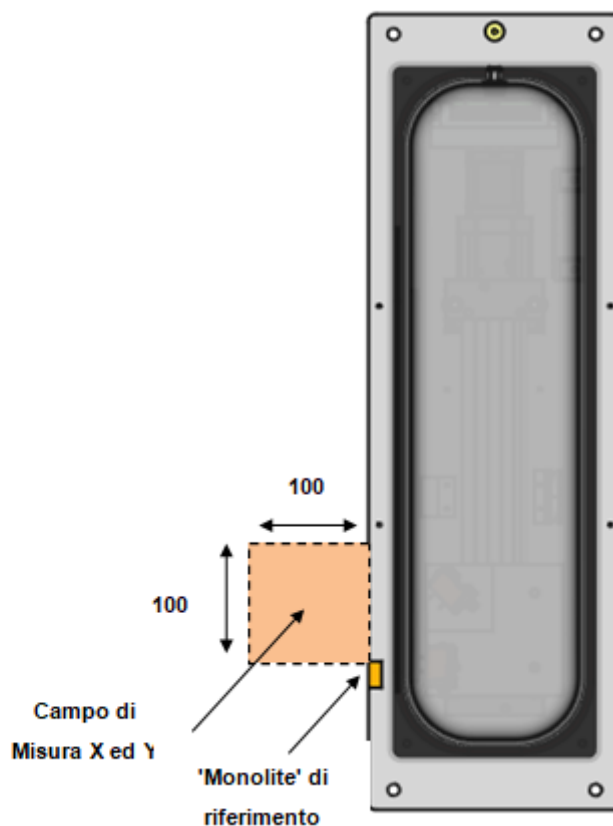
Datalogger D4000



Standard Frame for floor mounting



Measurement range of the instrument



Measurement range of the instrument is 100x100 mm shown as in the figure. Is necessary concerne to the edge of the centering 'monolith'.

Drawing of the positions with the relative dimensions

