

# INSTRUCTIONS FOR CORRECT INSTALLATION OF LOAD CELLS

## GENERAL

- Treat the load cell carefully. Rough handling can damage the load cell or may lead to unreliable measurements.
- Install the load cell as close as possible near the amplifier and take care of high power cables or other inductive sources near to the load cell cable. Electromagnetic induction can damage the load cell seriously.
- Keep the certificates of the load cells in your file.
- Before mounting the load cell, make sure the load cell capacity corresponds with the requirements.
- Mark up in your file the serial numbers of the load cells and their location in your installation.
- Never handle the loadcell by lifting it at the cable.
- Do not over-bend the load cell cable.
- Avoid using welding units after fitting the load cells, because the current passing directly through the load cell or induction can seriously damage the load cell.

The risk can be limited by connecting a flexible copper earth lead ( approx. 1 cm) between the upper construction and the lower support of the load cell. It is also possible to use our 'surge protector'  
( [http://www.lorijnenloos.nl/pages\\_uk/surgeprotector.html](http://www.lorijnenloos.nl/pages_uk/surgeprotector.html) )

It is always better to replace the loadcell for a “dummy” during welding operations close to the load cell.