

- **Levelmaster Direct Replacement probes for:**
- **Hydrastep 246781ZA high pressure probe.**
- **Levelstate Type 852 high pressure probe.**



The LM81ZACP Levelmaster conductivity level probe is a high quality direct replacement probe designed to replace the Hydrastep 246781ZA probe and the Levelstate Systems Type 852 high pressure probe. Our probes all use tried, tested and reliable designs to ensure a long service life. All direct replacement level probes are of equal or better quality compared to the original manufacturers equipment.

The design and technology used in all our conductivity probes make them highly reliable and easy to use. Our specialist brazing and gilding process forms a very strong and proven joint between the high quality stainless steel components and zirconia insulator.

All Levelmaster probes feature a large thumb nut for ease of use when connecting probe cables. An anti vibration washer has also been incorporated to ensure a reliable probe cable connection.

All probes are Helium leak tested after manufacture, this ensures that each and every one is free from even the most minute flaws during the brazing process.

We only use high quality spiral wound stainless steel and graphite gaskets that are manufactured in the UK, or high quality stainless steel compression nuts, this ensures a strong and reliable seal every time.



TECHNICAL COMPARISON

MANUFACTURER	ELCONTROL	HYDRATEST
Part Number	LM81ZACP	246781ZA
Body Material	303 stainless steel	Stainless steel
Insulator Material	Zirconia	Zirconia
Connection Method	1/2 inch Compression nut	1/2 inch Compression nut
Seal Type	Compression	Compression
Overall Length	70mm flange to tip	70mm flange to tip
Thread Length	NA	NA
Tip Diameter	11.8mm	12.2mm
Cable Connection	Thumb nut with spring washer	Knurled nuts
Temperature Rating	370 deg C	370 deg C
Pressure Rating	207 bar	207 bar