



TPB EVAPORATION

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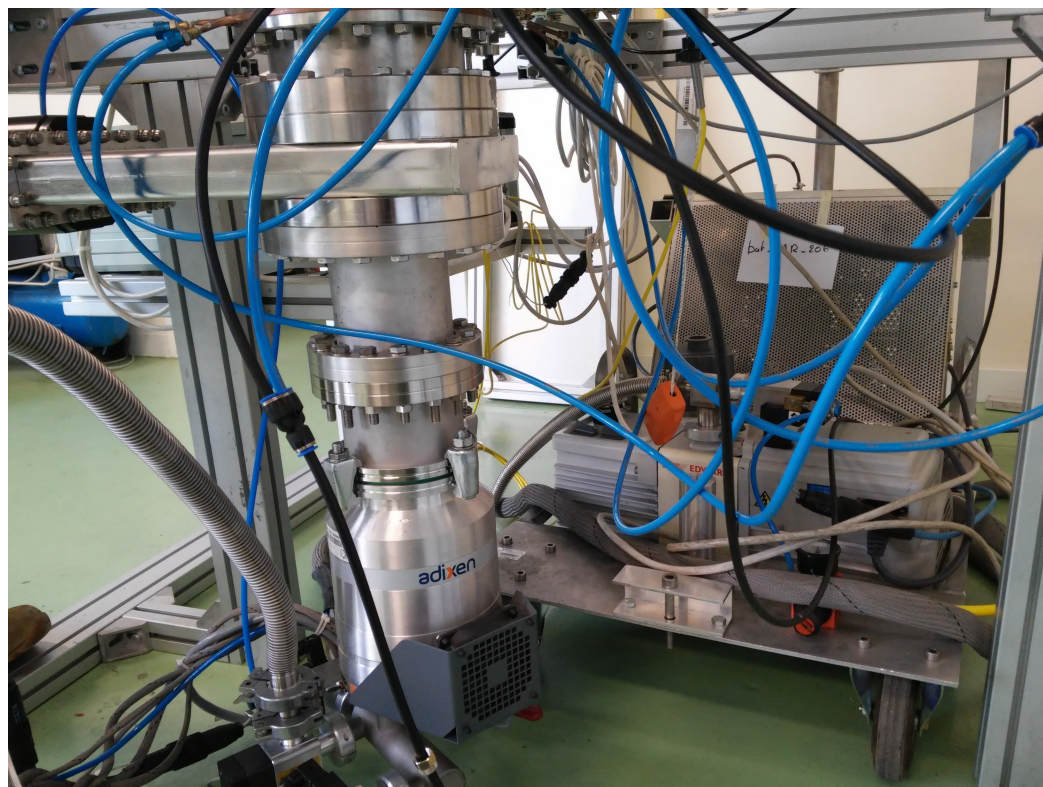
Evaporator status

The installation of the PMT support structure has been completed.

The installation of the pumping system and the cooling system have also been completed, so the system is ready to start.

Today an evaluation of the vacuum level has been done. Reached vacuum value is about 6×10^{-5} mbar; a helium leak detector has been used to identify and repair leaks.

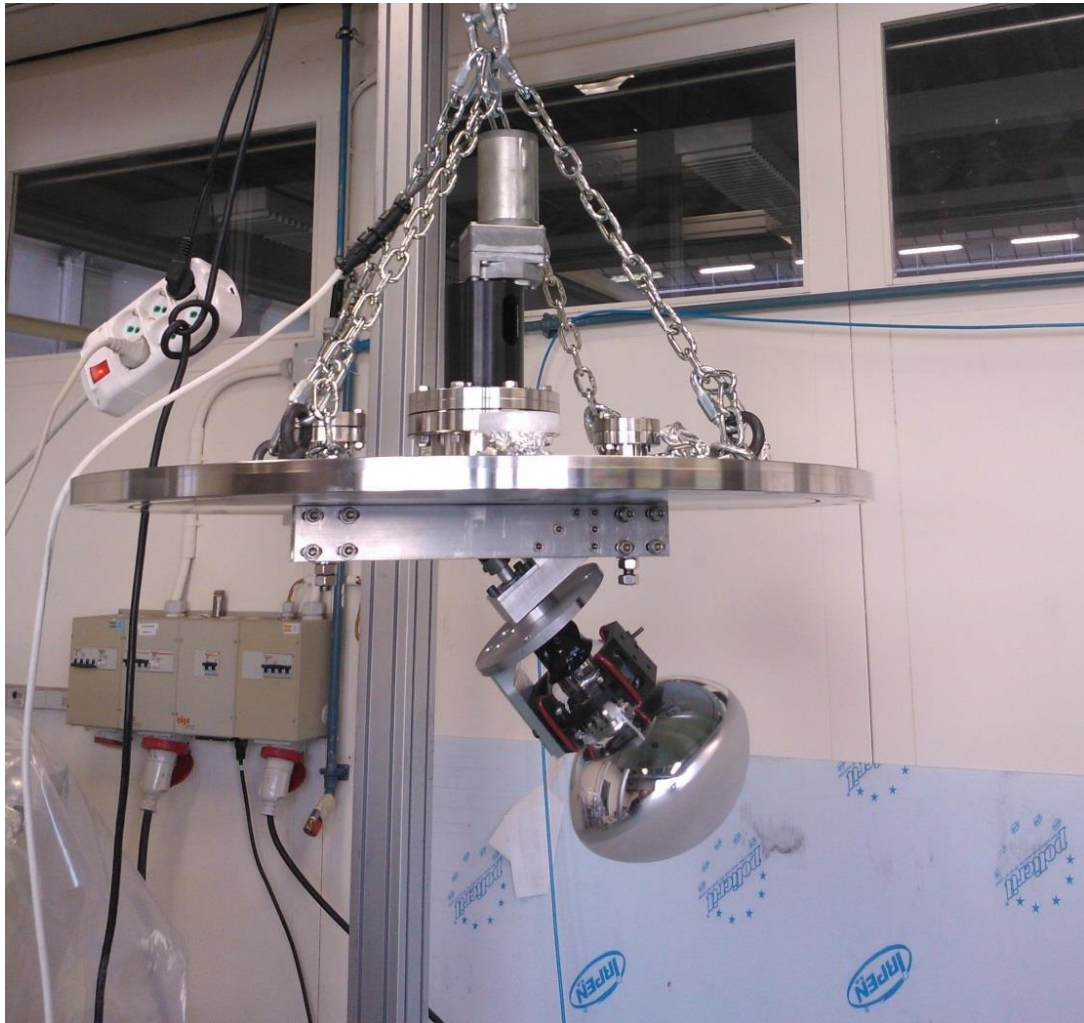
Present status



Pumping system
(Rotary + Turbo-molecular pump)

PMT holding/rotating system

Support structure test-installed with an ETL PMT from the ICARUS run at LNGS.



Conclusions

Preparation of the evaporation area the instrumentation is almost completed.

A test of the holding structure with a PMT mock-up will be done on Friday or Monday: some samples will be attached to the mock-up to evaluate the thickness of the evaporated layers and the quantity of TPB needed per evaporation.

Almost ready for pre-series.