



Design



Pumping system installed in the technical room



Manufacturing



Rear view, lamp side



Mounting in the workshop



Vacuum vessel installed in the clean room

ESA – VTC1.5 High Flux Solar Simulator

Prime contractor :

ESA/ESTEC, The Netherlands

Description :

Design, assembly in workshop, transport, on site installation and acceptance testing

Vacuum vessel of 2m diameter and 3.5m length, equipped

- with a sun simulator and
- with a 900mm diameter cooled quartz porthole,

for equipment testing

Performances :

Vacuum : $<5 \cdot 10^{-6}$ mbar in 2h

Place : ESA/ESTEC, The Netherlands