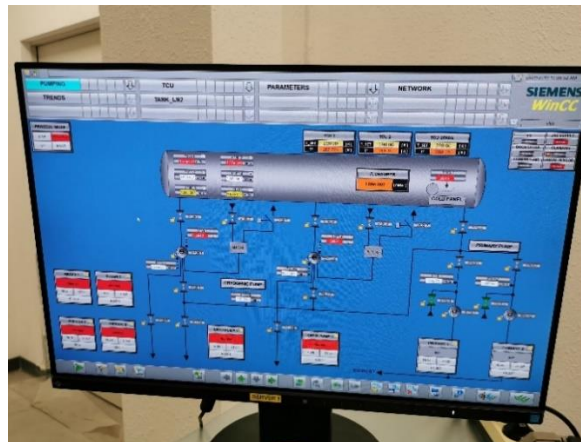


Design Drawings



Thermal System with 2+1(spare) lines



Orbyt® H/M Interface to drive the facility



TVAC1 & 2 installed in the clean room

KGS – TVAC3

Thermal-Vacuum vessel with a clear working space of 3 m diameter and 4m length

Prime contractor :

KGS Space Technologies, Kazakhstan

Description :

Design, assembly in workshop, transport, on site installation and acceptance testing, including the **Orbyt®** CCS & HMI

Performances :

Vacuum : $<1 \cdot 10^{-6}$ mbar in 4h

Thermal : System with 2+1 lines, Temperature range from 100K to 400K with a 10 kW thermal load

Satellite I/F : $\pm 3^\circ$ Tip/Tilt for a SWL of 2000 kg, in the front cover

Place of installation: Nur-Sultan, Kazakhstan



VBTECH^{SA}
VACUUM & BUILDING TECHNOLOGIES

Orbyt®

Smart Control Software by vb-tech.eu

www.vb-tech.eu



On site installation



High Vacuum Pumping System