

# Cryogenics Subgroup

LCGT Collaboration Meeting  
2011.05.10

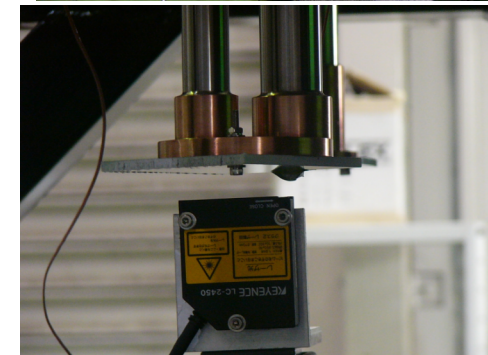
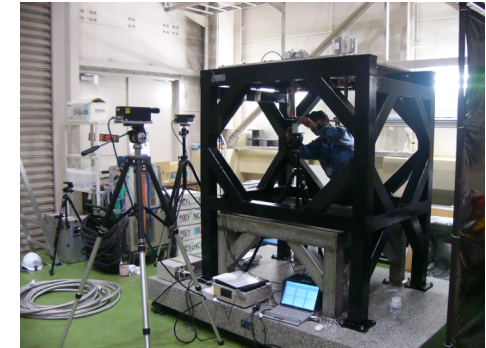
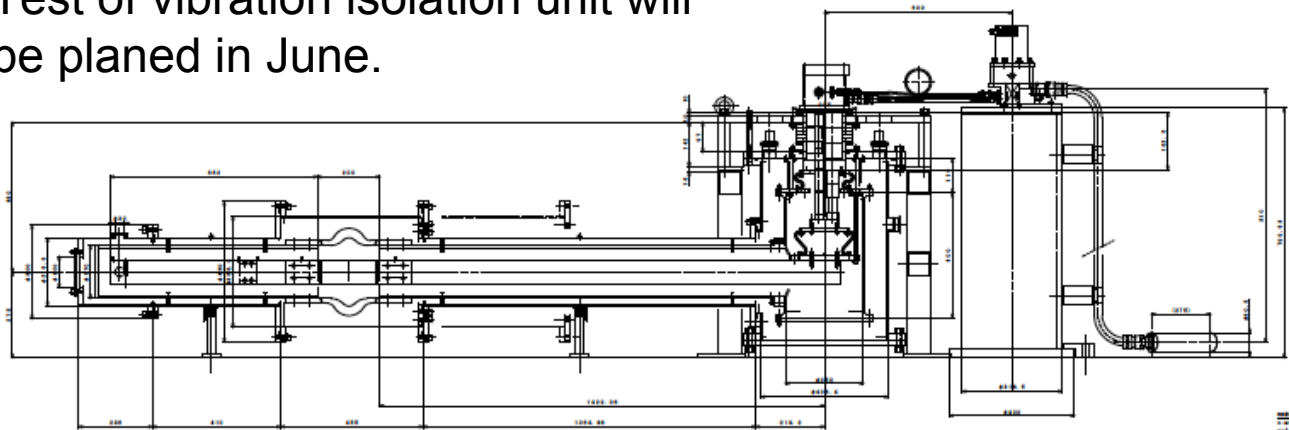
## Vibration measurement of cryocoolers

Double stage : 4K GM 1W,  
4K PT (0.5W, 1.5W)

Single stage : 80K PT 150W

Amplitude  $\leq 10\mu\text{m}$

Test of vibration isolation unit will  
be planed in June.



## Cost of cryostat

Our estimation was consistent with the number presented by a manufacturer.  
Construction of cryostats is available in the budgetary allocation.