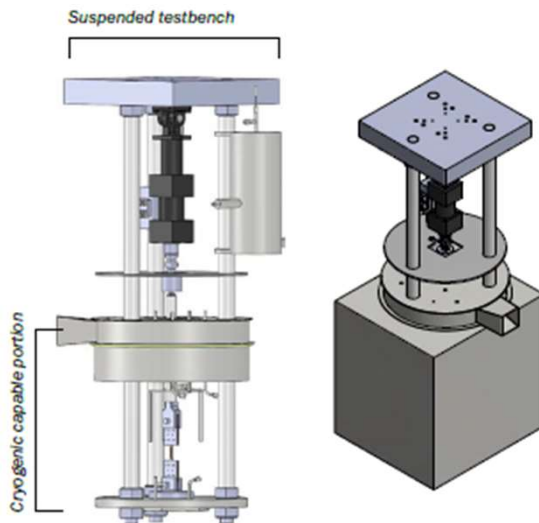


Structural Dynamics Lab (TNO)

Cryogenic Test Bench



Testing materials at extremely low temperatures i.e arctic conditions, Liquefied: Natural Gas and Hydrogen)

A suspended test bench lowered into a temperature controlled cabin filled with liquid or vapor liquid nitrogen. 150kN compressive or tensile loads, 3 or 4 point bending tests and fatigue tests , $T = -196^{\circ}\text{C} - 21^{\circ}\text{C}$