

MEASUREMENT EQUIPMENT FOR DOUBLE: ACCELERATOR AND INDUSTRIAL APPLICATION

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Modern big superconducting accelerator science involves many industrial technologies. As a result control and measurement equipment, designed for accelerator implementation, especially superconducting, can also be used after some modification for industry needs. Three devices of such kind are described. 1. HW/SW instrumentation for radial and axial vibration measurement of cryogenic turbine expanders, turbines, motors. 2. Helium/Methane leakage sensor. 3. Set of instruments for integrated estimation of condition of insulation covering of underground pipelines.