



## Heat Transfer Rig

- Interactive training rig to explore heat transfer of pipework systems and the effectiveness of different coatings and insulation materials.
- Step by step interactive guide on thermal expansion and heat loss of **Tata Steel's Install® Plus 235 hot-finished tubes**, able to operate +60°C.
- Embedded sensors attached to record conduction, convection and radiation data.
- Heat transfer coefficient and heat flux measurements for different installations can be determined.
- To be used to identify issues associated with applying insulation materials to pipework runs and joints, as well as developing design tools for designers.