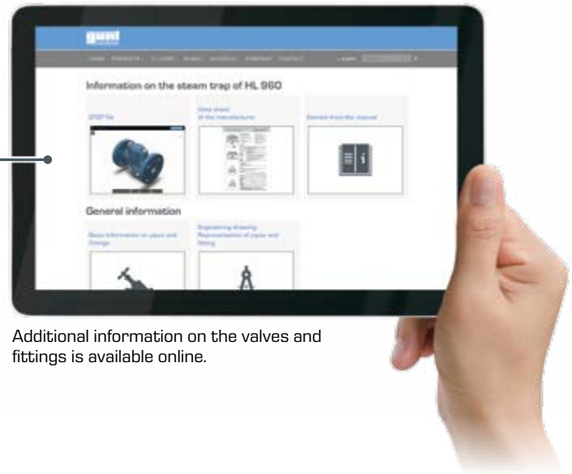
HL 960
Assembly station pipes and valves and fittings

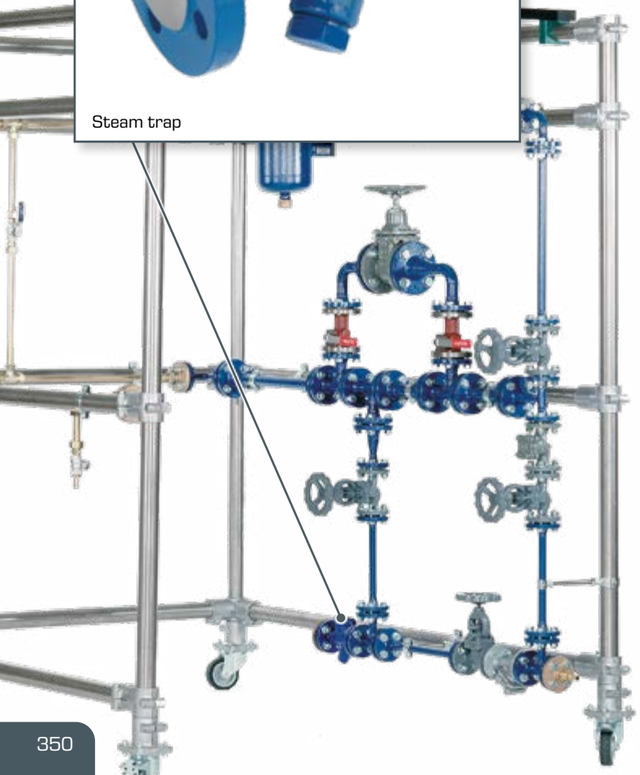
HL 960 is a practical exercise and training system which provides an entirely authentic introduction to industrial pipe systems. The main components are pipes, valves and fittings. Their correct assembly is practised. To ensure the proper function of a pipe system, the correct use of seals, connecting elements such as flanges, screw connections, sleeves and fastening elements for pipes is necessary. After assembly, a real function test can be carried out with the test stand HL 960.01.

Please check out

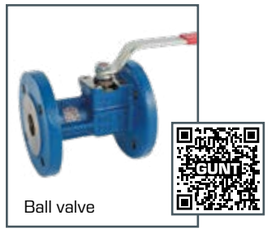


Additional information on the valves and fittings is available online.

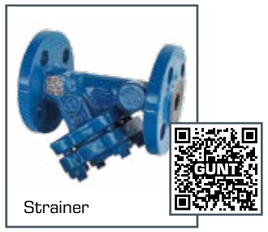
Steam trap



Sight glass



Ball valve



Strainer

Non-return valve

Wedge gate valve

Shut-off valve

A U-shaped frame allows variable construction of pipe systems, valves and fi ttings and functional devices such as pressure vessels.

The joints only use removable connectors with seals that are suitable for multiple use. The pipe elements are ready to install and matched to installation lengths and flange connections.

The assembly station is designed for several trainees to work together in a learning group. The complete process of creating an installation can take several days if all stages are passed through.

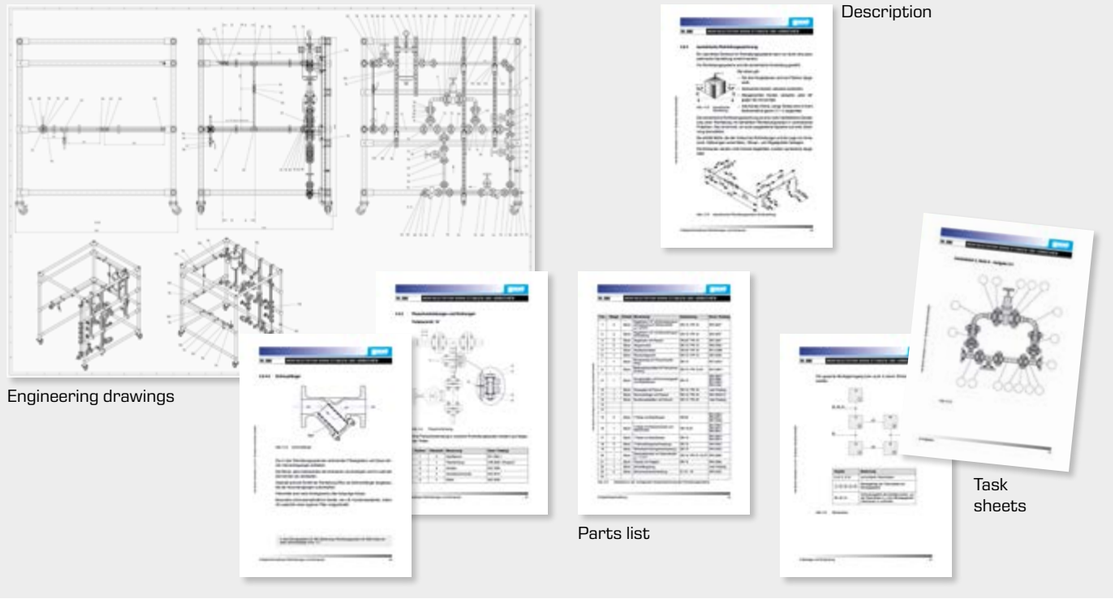
1. **informing**
   via the QR-scan with the digital media: familiarisation with valves and fittings and understanding of their functions
2. **planning and selection**
   create pipe routing diagrams and parts lists and select individual components for piping projects
3. **design**
   construct pipe projects on the HL 960 frame according to a pipe routing diagram
4. **monitoring and evaluation**
   pre-assembled projects can be subjected to a real test with water; optionally, the HL 960.01 trainer offers a closed water circuit

Installation of a pipe system with the assembly station HL 960 and the trainer HL 960.01

Set of instructional material

The detailed instructional material contains the technical description of all assembly components, a complete set of engineering drawings and parts lists as well as various system and installation examples.

The task sheets and solutions provided enable thorough preparation and follow-up of the assembly exercise.



Engineering drawings

Description

Parts list

Task sheets