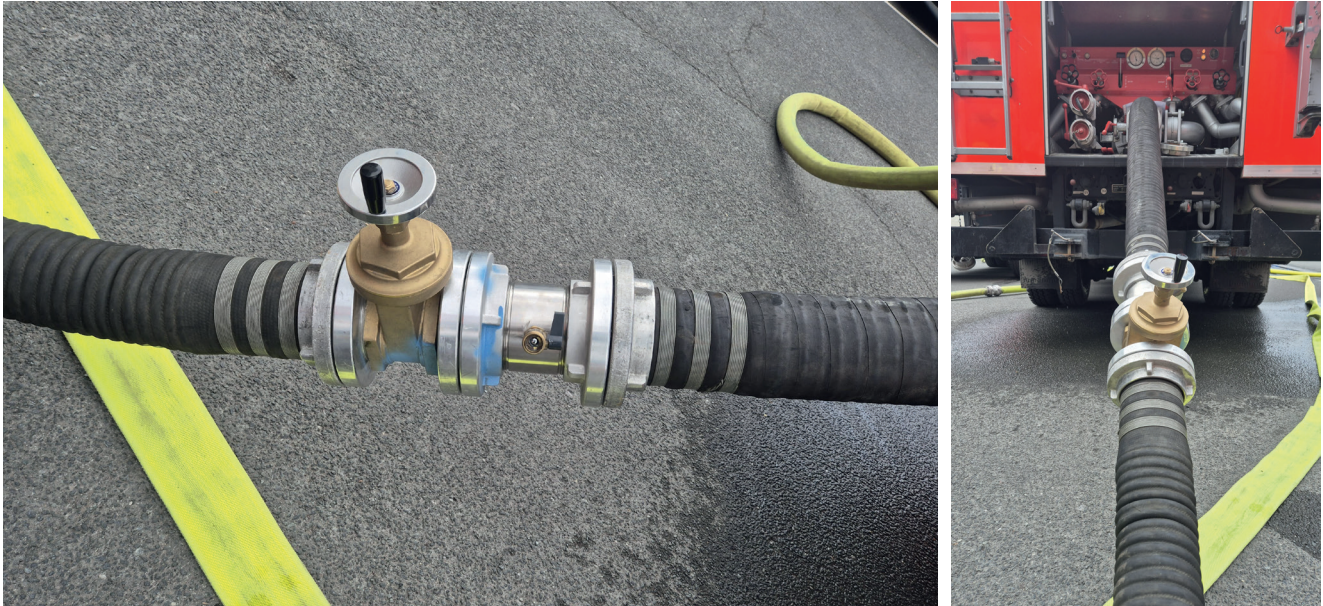# AST - SUCTION SIMULATION TRAINER

Training system for handling pumps with decreasing suction performance

The suction simulation trainer (AST) is designed for use in the suction lines of fire pumps. The AST realistically simulates different operational situations in suction operation, such as the water column breaking off, cavitation or failure of water delivery due to blockage of the suction strainer, falling water level in the water supply point or leaks in the suction line.

Through training exercises, users learn proper pump handling and accurate interpretation of pump readings.

Invest in the future of your fire services with the AST - for better preparation and more safety during operations!

ADVANTAGES

» Space-saving and ready for immediate use

» Realistic simulation of air ingress and increased suction resistance

» Resource-efficient operation
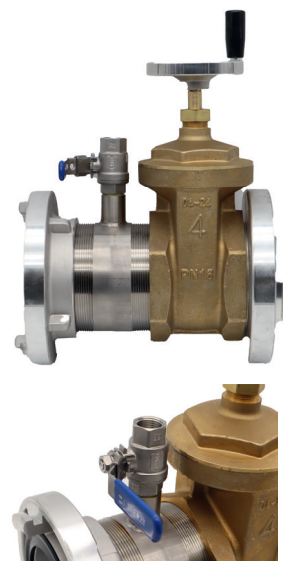
» Compatible with additional training systems

■ **made**
■ **in**
■ **Germany**

TECHNICAL DATA

System

Operation pressure	Max. 16 bar (232 psi)
Medium	Water

Weight

Pressure reducer	Approx. 8.7 kg (19.2 lbs)
AST	Approx. 8.8 kg (19.4 lbs)

Dimensions

Pressure reducer	Approx. 590 x 170 x 170 mm (23.2 x 6.7 x 6.7 in)
AST	Approx. 370 x 280 x 190 mm (14.6 x 11.0 x 7.5 in)

PRODUCT UND ACCESSORIES

Figure	Product	Order code
	Suction Simulation Trainer consisting of a 4" gate valve and a 1/2" ball valve	AST0
	Nozzle, pressure reducer Storz B cylindric	HTLDV080/Z