



## 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
- » Practically tested by operator trainers

## 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

Suction Simulation Trainer consisting of a 4" gate valve and a 1/2" ball valve

### Order code

AST0



Nozzle, pressure reducer Storz B cylindric

HTLDV080/Z