

# Product Sheet

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## Description

Gas laboratory safety system for teacher/students

## Model

E93

## ID

73460

## Weight

6.6 kg

consisting of a central shut-off device for entire downstream installation, shut-off device for student workstations and laboratory control. Laboratory safety valve for science classrooms according to ÖVGW or DVGW worksheet G 621 for fully automatic check the closed position of all gas consumers before release of the gas supply. Gas and electricity shortage protection for liquid gas according to DVGW worksheet G 260. Dirt trap, two Main gas valves, pressure switch class "S" according to DIN EN 1854. Class A valves according to EN 161, nominal diameter DN 20 (3/4"), connection Rp female thread according to ISO 7-1, input pressure  $p_e/p_u$  max. 360 mbar, mains voltage 230V~, 50/60 Hz, electrical connection plug with socket according to EN 175301-803, protection class IP 54, EC type tested and certified. Laboratory safety valve for science classrooms according to ÖVGW or DVGW worksheet G 621 for fully automatic check the closed position of all gas consumers before release of the gas supply. Gas and electricity shortage protection for liquid gas according to DVGW worksheet G 260. Dirt trap, main gas valve, pressure switch class "S" according to DIN EN 1854, valves class A according to EN 161, nominal width DN 15 (1/2"), connection Rp internal thread according to ISO 7-1, input pressure  $p_e/p_u$  max. 360 mbar, mains voltage 230 V~, 50/60 Hz, electrical connection plug with socket according to EN 175301-803, protection class IP 54, EC type tested and certified. Intrinsically safe, microprocessor controlled laboratory control for natural science classrooms according to ÖVGW or DVGW worksheet G 621 for fully automatic lock position control the downstream installation. Gas and electricity shortage function during operation, mains voltage 230V~, 50 Hz, protection class IP 54. Installed in plastic housing with transparent housing cover. EC type tested and certified according to DIN EN 298, 2012. Operating and control elements on installation panel, central shut-off device for downstream installation, shut-off device for student workstations and laboratory control in the supply room, incl. wiring, built into the teacher's experiment table.

Changes and errors reserved. Illustrations similar.