

GASTEC

EC TYPE-EXAMINATION CERTIFICATE

Number **E 001/01/2**

GASTEC NV, notified body **0063** hereby declare that

the **multi-functional control**

series **CG45**

made by **KROMSCHRÖDER A.G.**

OSNABRÜCK, GERMANY,

complies with the essential requirements of the
Gas Appliances Directive (90/396/EEC).

The compliance is based on examination to:
EN 126, CEN TC58 WG5 N231 and prEN 334.

The products have been approved for:

Austria	Belgium	Germany
Denmark	Spain	Finland
France	United Kingdom	Greece
Ireland	Italy	Luxemburg
The Netherlands	Norway	Portugal
Sweden		

A description of the specific types, valid reports and
identification numbers is given in the appendices to this
certificate.

Apeldoorn, **15 December 1994**



dr. L. Noordzij,
president.

EC TYPE-EXAMINATION CERTIFICATE: E 001/01/2

Appendix no.: 1

Dated: 17 December 2001

P.I.N.: 63AO001/01

Examination reports:

119205 dated Jun. 1993

119264 dated Dec. 1994

119993 dated March 1998

121219 dated Dec. 2001

This appendix replaces appendix 1 dated 15 March 1998

CG 45

Multi-functional control, approved on EN 126:1993, consisting two automatic shut-off valves and a pressure governor or gas/air ratio controller.

Shut-off valves class A.

Ambient temperature range -15 to 60 °C.

Degree of protection IP 54.

Mechanical strength group 2.

Option: DN 25 by-pass valve.

TYPE NUMBER SURVEY:

CG45	Multi-functional control
F	Flange connection DN 50
05	Max. inlet pressure 500 mbar.
D	Pressure governor class A, slow opening. Suited for gasfamilies 1, 2H, 2L, 3 Regulating group 5 or 10 acc. PrEN 334. Outlet pressure range: 3 to 110 mbar.
G	Gas/air ratio controller, in accordance with CEN TC58 WG5 N231, with a fixed 1:1 ratio. Governor performance Class A. Suited for gasfamilies 1, 2H, 2L, 3 Regulating group 5 or 10 acc. PrEN 334 Outlet pressure range: 0,3 - 60 mbar. Air pressure range: 0,3 - 60 mbar. Parallel adjustment: -1,5 to +1,5 mbar.

V	Gas/air ratio controller, in accordance with CEN TC58 WG5 N231, with combustion chamber pressure compensation. Governor performance Class A Suited for gasfamilies 1, 2H, 2L, 3 Regulating group 5 or 10 acc. PrEN 334 Outlet pressure range: 0,3 - 130 mbar. Air pressure range: 0,3 - 60 mbar. Combustion chamber pressure: -2 to 20 mbar. Adjustable gas/air ratio: $P_G/P_L = 0,7:1$ to $9:1$ Parallel adjustment: -1,5 to +1,5 mbar.
Z	Two stage governor
W	Working voltage 230 V – 50/60 Hz.
M	Working voltage 110 V – 50/60 Hz.
W	Pressure switch.
Z	Customer specified control