

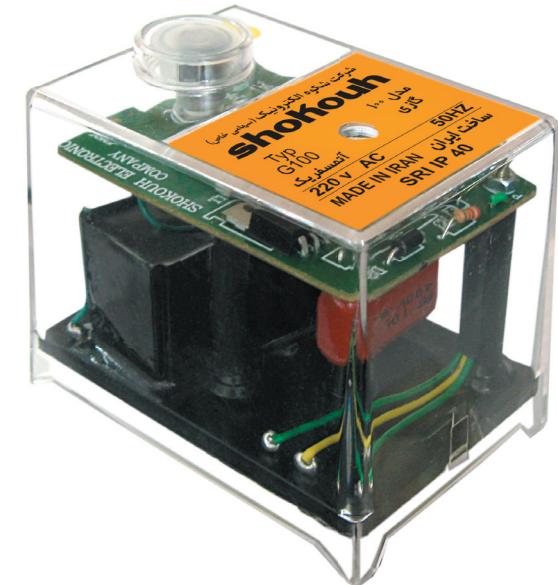
Model
G100

Atmospheric ignitor

*For 1-stage atmospheric gas burners
Flame detector: Thermo couple*

■ Description

Although this type of ignitor has a transparent cover like control boxes but it work only as a capacitive discharge ignition transformers and generally used for the atmospheric gas burners and boilers. G-100 ignitor has equipped with a transformers that provided a high ignition power and it also incorporate a filter against conducted interference.



■ Notes:

- The control box is well protected by a tough transparent polycarbonate casing. The plug in control box incorporates the, flame check and reset circuits.
- The reset button, an indicator lamp and the central screw fastening are situated on the upper part of the control box.
- Remember that a long ignition cable connected to the ignitor can lead to a discharge energy reduction, because of the production of a parasitic capacity between the cable and the nearby ground.
- Avoid laying the ignition cable next to other conductors energy transfer between close conductors due to parasitic capacity phenomenon could damage connected electric and electronic devices.

■ Technical data

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|-----------------------------|-----------------|
| ■ Operating voltage | 220v ±15%(50Hz) |
| ■ Operating temp.range | -20°C+60°C |
| ■ Recommended electrode gap | 3-5mm |
| ■ Output peak voltage | 15 KV |
| ■ Spark frequency | 2HZ |
| ■ Duty cycle in 2 minutes | 50% |
| ■ Weight | 100gr |
| ■ Power consumption | 5 VA |

■ Circuit diagram of G 100

