



Kjellberg
FINSTERWALDE

the
FINE FOCUS
company

Plasmagas-control unit **FlowControl**

Unmatched because of automatic control of the gas flow

First time the **FlowControl** enables plasma cutting with optimised and reproducible plasma gas mixtures all over the full process.

For achieving excellent results during cutting of metallic materials by the plasma arc the individual composition and the flow rate of the plasma and the swirl gases influence them decisively. Unfavourably conventional mixing devices have the disadvantage that they can not stabilize both of those parameters. Only the pressure is kept constant.

By means of five separate control paths (3 Plasma gases, 2 swirl gases) the new gas-control unit adapts the mixtures perfectly to the technical requirements of materials to be cut.

The **FlowControl** offers following advantages:

- Tailored gas mixture in dependence of the cutting material
- Safe dosage, for even the smallest gas flows of different mixtures
- Stable gas parameters, therefore highest reproducibility by microprocessor control and monitoring
- Independency of the working condition of the plasma torch (gas pre-flow, pilot arc, main arc)
- Balance of pressure fluctuations
- Factory-established data bank for gas parameters available for standard materials
- Storage of optimised individual gas parameters in customer data banks for further materials possible

Nothing like it
worldwide!



The **FlowControl** consists of
Controller PGC 1 and valve unit PGV 1.

Technical data

	FlowControl
Weight	28 kg
Dimensions (L x W x H)	510 x 330 x 450 mm

The **FlowControl** is suitable for the plasma power source **HiFocus 100**, as well as **HiFocus 160i** and its marking technology. It is controllable by means of a serial interface. Upgrading is possible.

Our products are produced according to the latest technical developments. We reserve the rights for technical changes during production. Therefore, claims of whatever kind can't derived from prospectus.

03-06-01



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