

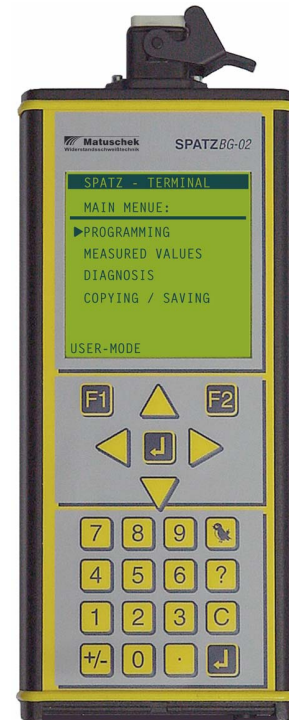
## SPATZBG-02 Operating Device

The **SPATZBG-02** graphical operating device is the handy, universal operating device for all **SPATZ** weld power sources. With a functionality which exceeds the normal performance of an operating device or a programming station, the **SPATZBG-02** is the connecting link between production, quality control and process engineering. Simple operation of the device is supported by online help function. Optionally the entire operating manual is stored bilingually in German and English or French in the **SPATZBG-02**.

By the graphic representation of the curve characteristics of weld current, electrode voltage, resistance, power, trigger angle, electrode force and electrode penetration, the weld expert obtains important information on the definition and setting of the weld parameters. The measured values of the welds and the graphic representation of the measured value trends are helpful for the operator.

All 10,000 weld data records of the weld data recorder which is integrated in each **SPATZ** can be read and stored in the graphical operating device **SPATZBG-02**. The data remain on the operating device without linkage to the **SPATZ**, the stored data can be copied to every PC via the built-in PC interface. The PC driver software, required for linkage as well as the power supply necessary for operation without **SPATZ**, are part of the scope of supply. An analysis of the weld data, edited by standard software such as spreadsheet programs, indicates the current process status and trends to the quality control.

In the weld data records, error conditions which indicate the system status are recorded as well. Further service highlights important for the maintenance are the possibility of exchanging welding programs between **SPATZ** and the **SPATZBG-02** as well as the possibility of updating software.



New releases with improved regulating techniques or changed timer sequences can be transferred to the **SPATZ**.

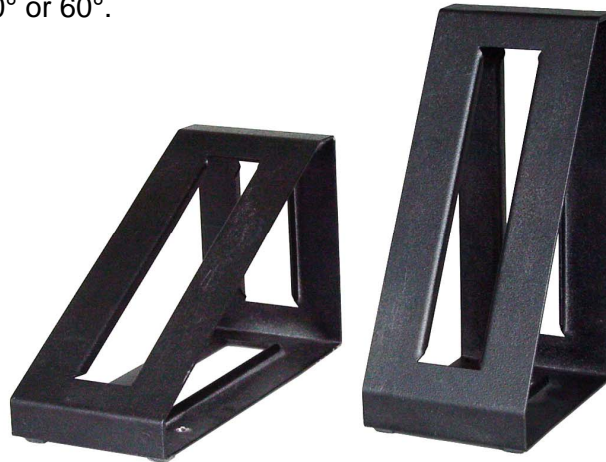
The existing weldtimer can be updated via PC linkage.

### Technical Data

Language	German, English, French
Display	LCD-graphics with backlight (70 x 70 mm) (2.8 x 2.8 in)
Interfaces	<b>SPATZ</b> power source and RS232 for PC connection
Supply voltage	via <b>SPATZ</b> power source or plug-in power supply 100 V - 250 V
Type of protection	IP54
Dimensions (H x W x D)	270 x 110 x 40 mm 10.6 x 4.3 x 1.6 in
Weight	0.85 kg / 1.9 lb
Included in delivery	- documentation - RS232 connection cable - power supply 230 V / 12 V, 800 mA - <b>SPATZ</b> PC software



The **SPATZBG-02** control unit can be fixed to any steel surface by means of the magnetic strips on the back of the unit. An additional equipment is the stand in order to place **SPATZBG-02** in a favourable visual position, also in the case of horizontal or vertical surfaces. Depending on the position of the stand the inclination angle is 30° or 60°.



Depending on the application 3 different **SPATZBG-02** Connecting cables in the lengths of 3 m, 5 m, 7 m and 10 m (9.8 ft, 16.4 ft, 23 ft and 32.8 ft) are available.

**SPATZH6000 / SPATZH6000plus**      **SPATZM300 / SPATZH300 / SPATZH300plus**      **DragSPATZH1600/H2400**

**SPATZBG-02 connecting cable, fixed installed**

**AutoSPATZM600L**      **SilverSPATZM600LW**      **SilverSPATZM600LL**      **ServoSPATZM600LL**

**SPATZBG-02 connecting cable, mobile**

**AutoSPATZ switch cabinet CX - CXi - C2X - Cx2i**      **SilverSPATZ switch cabinet CLL-R - CLL-R2 - CLL-H1 - CLL-H2**      **ServoSPATZ switch cabinet CLL-R**

**SPATZBG-02 switch cabinet connecting cable, mobile**

**SPATZBG-02**

