

French Manufacturer
since 1964

www.gys-welding.com




Made in France

CALIWELD

Validation • WPQR • WPS



CALIWELD Range

CALIWELD is the quickest and most efficient way to ensure compliance with the relevant standards (including European standard EN1090).

■ Creation of WPQR followed by WPS

■ Regular welding equipment checks
A minimum of one check must be carried out every year, as well as after each repair or modification that may impact the settings.

Applications

Construction
 Shipyard

Maintenance
 Fabrication



Measure of all welding related data (MMA, TIG and MIG/MAG) :

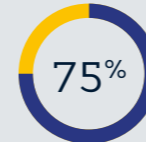
- Calculation of the welding energy (kj/mm) (available in the European standard (EN1011) and American (QW-409))
- Voltage (V)
- Current (A)
- Gas flow (l/min)
- Wire speed (m/min)

The results can be displayed in order to show, real time, average or effective values (TRMS).

Main benefits

Manual validation can often be time consuming. After the initial set up, the technicians in charge of the validation process have to manually adjust the settings in order to check a certain number of data. This is a delicate process that may lead to mistakes.

By using CALIWELD, the process is to simply connect the control case and a resistive load to the welding equipment to start the process. A single technician will be able to carry this out as all the tests are automatically undertaken by the software, providing precise and accurate results.

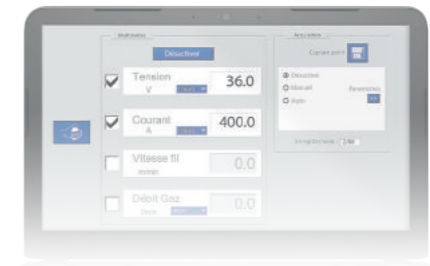


Faster than manual validation
Fully automated control procedure.



Better precision
User-friendly software provided that will help reduce human errors.

User-friendly interface



- Easy to operate and only requires one qualified technician.
- More than 100 test scenarios created for GYS and IMS welding generators.
- User-friendly software developed by GYS R&D engineers and available in 5 languages (French, English, German, Spanish and Italian).
- Possibility to create personalised scenarios for non-GYS generators.
- Storage available for up to 99 welding lines. All results can be exported as a pdf or a spreadsheet (e.g. Excel) and can be printed out.
- Delivers a validation certificate required to prove the performance of the generators in relation to the settings selected.
- Free and automated updates through the Internet (languages, new products and new scenarios).



Accessories for CALIWELD

A complete range of accessories, sensors and measuring cables Made in France.



ref. 060456

**Validation case
CALIWELD CGU 1.0**
supplied with accessories ●

Measure range:

- Voltage up to 120 V AC/DC $\pm 0,5 \%$
- Current up to 500 A $\pm 0,5 \%$
- Wire speed from 1 to 30 m/min $\pm 1 \%$
- Gas flow from 1 to 30 l/min $\pm 5 \%$



ref. 060647

**2 connection cables
CALIWELD 3% (2 m)**

Connects the load bank to the generator and to the case CGU 1.0.



ref. 060593 ●

**Power cable (2 m)
CALIWELD PC1**

Connection providing power from the generator to the case.



ref. 060425

**Load bank
CALIWELD LOAD 550A -3%**

Power ranges from:

- 5 to 550 A for MIG/MAG machines
- 5 to 550 A for MMA machines
- 5 to 300 A for TIG machines



ref. 060555 ●

**Gas measuring cable
CALIWELD GM1 (2 m)**

Connection providing gas from the generator to the case CGU 1.0.



ref. 060548 ●

**Voltage measuring cable (2 m)
CALIWELD VM2**

Clamps to the EURO connector to measure the voltage during MIG welding.



ref. 060418

**Load bank
CALIWELD LOAD 320A -100%**

Functions when power ranges from:

- 5 to 320 A for MIG/MAG machines
- 5 to 370 A for MMA machines
- 5 to 180 A for TIG machines



ref. 060609 ●

**USB 2.0 cable (1.5 m)
CALIWELD USB1**

Connection USB-A / USB-B from the CGU 1.0 case to the computer



ref. 060531 ●

**Voltage measuring cable (2 m)
CALIWELD VM1**

Insulated Texas/Dinse connector allowing the safe measurement of the voltage + « banana » plug to connect to the CALIWELD case.



ref. 060524

**Measuring cable
CALIWELD ECM1 (2 m)**

Allows the measurement of MIG/MAG machines (voltage, current, gas, wire speed...) for validation.



ref. 060562 ●

**Remote control (2 m)
CALIWELD RC1**

Pear shape controller for remote control of welding machines (Connects to the control cable)



ref. 060586 ●

**TIG Remote control cable (2 m)
CALIWELD ARC1**

Connection AMPHENOL / DIN (male). Used to remotely control the TIG welding machine using the software or the pear shape remote control.



ref. 060517

**Wire speed sensor
CALIWELD SWM1**

Measure the wire speed between the reel and the MIG/MAG feed motor.
Connects to CGU 1.0 case.



ref. 054097

**MIG remote control (2 m)
CALIWELD MIG EURO CONNECTION**

EURO MIG connection cable with remote control.



ref. 060579 ●

**Control cable (2 m)
CALIWELD DRC1**

Connection DIN / DIN (male). Used to remotely control the TIG welding machine using the software or the pear shape remote control.

Founded in 1964, GYS is family owned French manufacturer and employs 630 people worldwide. GYS operates a large R&D centre from its factory in Laval, France. GYS is a major player in the design and fabrication of welding equipment, battery chargers and car body repair systems.

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