## WOLTERSDORF Schweißmaschinen



# Calibration units for welding equipment mobile calibration/validation and test units



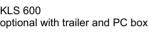
• precise measurement results • simple start up and operation • computer aided data aquisition and evaluation

#### KLS 600 / KLS 1200





computer aided data aguisition and evaluation





KLS 1200, in version 1200A



### KLS modular system

With two arc simulators and two different measuring units (boxes), it is possible to make and use any combination of KLS 600 or KLS 1200

Compact calibration unit consists of static arc simulator, with digital meters for voltage and current measurement. Optionally equipped with digital portable tachometer (HT) for measurement of the wire feed speed. This set is suitable for use with welding equipment manufactured in accordance to IEC EN 60974-1.

KLS 600 adjustment allows to measure the range of 6-600A (700 A). KLS 1200: The setting is determined by the parallel use of two modules from 600 to 1200 A (1400 A).

Device technology is suitable for calibration and validation of MIG/MAG, MMA, TIG DC, Plasma, and SAW welding equipment. KLS can be also used for testing of welding equipment. Arc simulator used as load resistance is designed for testing of welding power sources, like heat test and stability testing. This kind of unit is essential for the modern welding equipment service. KLS meets norm requirements for calibration of measuring devices and validation of welding equipment.

Measurements with KLS conform to DIN EN 60974, DIN EN 50504, DIN EN ISO 17662, DIN EN ISO 9001/9002, DIN EN 1090, DIN EN ISO 3834-2, DVS 0714 and DVS 3009th

#### **Technical data**

KLS 600:

6-600A (700A peak current) Setting range:

7 switches with 95 load combinations

mechanical range switches, electrical main switch

Permitted load: 500A/100/ duty cycle Cooling: self air cooled (no fan)

Weight:

Dimensions (LxWxH): 600x400x450mm (arc simulator)

Measuring unit: KLS 6 DC Digital instrument: 0-999,9 A DC 0-199.9 V DC

Equipment: Bright, illuminated red LED displays

Hold function, run function

+/- 0,5% Accuracy class: Dimensions: 275x175x65mm **KLS 1200** 

6-1200A (1400A peak current)

14 switches with >200 load combinations

mechanical range switches, remote for power switch 1000A/100/ duty cycle self air cooled (no fan)

2x30kg

2x600x400x450mm (arc simulator)

KLS 12 DC 0-1999,9 A DC 0-199.9 V DC

Bright, illuminated red LED displays

+/- 0.5% 275x175x65mm

Annual calibration of measuring unit!