



Calibrated special measuring instrument for the acquisition of

- welding current
- welding voltage

## Area of application

- for all welding methods, with which the welding cable can be passed through the opening of the sensors
- due to the precision transducers used many uses of the measuring instruments are possible

e.g. for all standard measuring tasks up to calibration of the welding machines used.  
(device calibration)



## Impact

The process sensor guarantees a galvanic isolation of the process signals

## Option

connection to the HKS- wire- and gas sensors

## Specifications

measurement	120 x 120 x 105 mm
weight	1 kg
supply voltage	+ / - 12 ... 15 V, 250 mA
electrical connection	12 - pole M 23
attachment	winding type transformer



## sensor - model

## application area

## effective range

nominal current (RMS)  
maximum value / current  
voltage

## output voltage

## accuracy

## bandwidth

## additional current sensor

dimensions

weight

**Capteur P1500 pour  
mesure tension et  
intensité de soudage  
jusque 100V et 1500A  
(courant continu ou  
alternatif)**

Précision : +/- 1 %

Dimensions :  
120x120x105 mm  
Poids : 1 kg

## Process sensor P 1500 UP

for welding current  
up to 1500 A maximum  
(e.g. submerged welding)

1500 A  
+/- 3000 A  
+/- 100 V  
0 ... 10 V  
+/- 2 %  
25 kHz

200 x 120 x 90 mm  
1 kg