



WELDING MACHINE CALIBRATION

STANDARD! MS ISO/IEC 17025

Portable and standards equipment to calibrate welding machine. Validation load bank machine for all types of welding power sources









SIRIM SST welding machine calibrator is traceable to National Standards to comply with BS EN50504;2008

TYPES OF WELDING MACHINE THAT CAN **BE CALIBRATED**

- ✓ MIG / MAG Machines
- ✓ TIG AC/DC Machines
- ✓ Multi Process Power Sources
- ✓ MMA Stick Welding Power Sources

Validation Accuracy -**Standard Grade**

Analogue meter ± 2.5% of full deflection

Digital meter

± 2.5% of max rated output amps or max open circuit volts

Specifications

- o Max current 1000A
- Max peak current (5sec.) 1100A@
- Voltage Range AC/DC 99.9V (120V) peak)
- Accuracy $-\pm 0.5\% \pm 1$ digit
- o Fine tuning switch (5 steps)

VALUE ADDED SERVICES

Testing Laboratory (Heat Treatment Services)

SIRIM SST laboratories are equipped with required instruments and competent staffs with over 10 years experience. SIRIM SST testing procedures and methods are adopted from international references such as ASME Code, AWS Code, BS1113, BS4570, BS5135, BS5500 and etc.

Pre Heat Treatment

Pre heat may be required as an aid to welding for one of four basic reasons;

- 1. Control the rate of cooling
- 2. Control the diffusion rate of hydrogen in a welded
- 3. Reduce thermal stresses
- 4. Compensation for heat loss





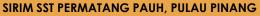


Post Weld Heat Treatment

Post Weld Heat Treatment (PWHT) is frequently performed to reduce residual stresses, as one of the methods of hardness control and to enhance material strength.

SIRIM SST SHAH ALAM, SELANGOR

marketingSA@sirim.my +603 - 5510 9066



marketingPG@sirim.my +604 - 537 5700

SIRIM SST SENAI, JOHOR

marketingJB@sirim.my +607 - 598 9066

SIRIM SST PASIR GUDANG, JOHOR

marketingPGudang@sirim.my

marketingKC@sirim.my



marketingKN@sirim.my +609 583 4066

