



Certificate of Calibration

Board Information

Serial Number: CC5658
NI Part Number: 182750D-01
Description: DAQCARD-4350

Certificate Information

Certificate Number: 361524
Date Printed: 24-OCT-2001
NI Part Number: 184632A-01

Calibration Date: 24-OCT-2001
Calibration Interval: 12 Months
Calibration Due: 24-OCT-2002

Ambient Temperature: 24 °C
Relative Humidity: 56 %

National Instruments certifies that at the time of manufacture, the above product was calibrated in accordance with the applicable National Instruments procedures. These procedures are in compliance with relevant clauses of ISO 9002 and are designed to assure that the product listed above meets or exceeds National Instruments specifications.

National Instruments further certifies that the measurements standards and instruments used during the calibration of this product are traceable to the National Institute of Standards and Technology or are derived from accepted values of natural physical constants.

The environment in which this product was calibrated is maintained within the operating specifications of the instrument and the standards.

For questions or comments, please contact National Instruments Technical Support.

Signed,

Joseph Brochtrup
Test Engineering Manager

Angelo G E Angeli
M Director Lauren Manufacturing Co

National Instruments has been registered as compliant with the ISO 9002-1994 standard.



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LAUREN

MANUFACTURING

11th October 2018

To whom it may concern,

Lauren Manufacturing (Pty) Ltd has calibrated the SP4000 (MP400) with the following procedures and certificates.

The following is the calibration procedure used by Lauren Manufacturing for their soldering pot.

Solder was melted at 250°C and an insulated thermocouple probe was installed.

Instruments used: National instruments N1 0211.4ch ± 0.08 V 14 s/s 24 bit thermocouple differential analogue input module.

A thermocouple is welded and insulated in a stainless steel probe, plugged into the National instrument module and is calibrated with special computer software that simulates the full range of the solder pot from 100°C to 350°C. As there is no set method to measure the temperature of the solder pot we have found the above method to be the most accurate.

We have attached the calibration certificate for the instruments used.



Angelo G.E. Angeli
Managing Director

LAUREN
MANUFACTURING
COMPANY (PTY) LTD

ONE CAROLINE STREET
c/r 15TH STREET
EAST GATE GARDENS
COMMERCIAL PARK
MALBORO SANDTON

PO BOX 786988
SANDTON 2146
REP. OF SOUTH AFRICA

TEL: 27 11 444.9009
FAX: 27 11 444.9019

A.G.E. ANGELI
MANAGING DIRECTOR

S.A. ANGELI
FINANCE

WWW.
MAGNUMPRODUCTS.CO.ZA

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