### Buyers guide

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<tbody>
<tr>
<td>Gauteng, WC, KZN, EC, Botswana, Zimbabwe, Other in Africa</td>
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Apollo Scientific is a leading laboratory and scientific equipment supplier throughout Southern Africa. We represent many world-class manufacturers and offer full turnkey solutions. Our metrology division is ISO 17025 (SANAS) accredited. Whether our customers are looking for a simple lab scale or a high-end scanning electron microscope, we are always eager to assist!

Cem Engineering Products, LAB 002 is a dimensional laboratory accredited in accordance with the quality standard ISO 17025 by accreditation body SANAS. Our aim is to meet customer requirements and provide timely, accurate and precise results. This is achieved by performing our work in the most effective, efficient way which is reflected in the laboratory procedures and methods covering the various activities within the laboratory.

Concilium Technologies is a wholly owned and empowered South African company and a certified ISO 9001:2008 facility with an ISO/IEC 17025 accredited electronic repair and calibration facility. The company is an established and trusted solution provider specialising in T&M, telecommunications and broadcasting. We represent leading brands such as Agilent Technologies and JDSU, and operate a fully accredited repair and calibration centre for Agilent T&M products, the only one in Africa. Having accreditation means we can offer the same levels of service as any Agilent facility worldwide, using automated systems to provide high calibration coverage at competitive rates.

Denel Dynamics’ Calibration Laboratories has offered SANAS accredited calibration services in the disciplines of dimensional, force, torque, time and frequency, DC- low frequency, and radio frequency (up to 18 Ghz) to Industry for over 20 years. Our mature ISO/IEC 17025:2005 management system ensures that we offer unsurpassed value to all our clients – internal and external to Denel. We have highly skilled metrologists who are NLA-registered. They are at the cutting-edge of evolving technology and strive to exceed customer requirements through continuous skills advancement. Our in-house repair facility ensures that instrument faults found during calibrations are rectified expeditiously.

Dimensional & Torque Tool Calibration specialises in the service, repair and calibration of all dimensional equipment (mics, verniers, dial gauges etc) and all types of torque wrenches, multipliers etc. We are a SANAS-accredited laboratory. All new equipment is supplied with a SANAS calibration certificate at no extra cost. We offer a courier service to collect and deliver anywhere in South Africa and offer excellent turn-around times.

Endress+Hauser is an international group of companies with more than 50 years experience in the field of measurement and automation technology. The global Endress+Hauser network is ISO9001-certified, ensuring all-encompassing quality in production, products and management. Our industry-specific focus ensures that measuring technologies are developed according to requirements of the various industries. As a complete solutions provider, we offer you concepts in engineering, control systems, measuring technology, maintenance such as calibration and service – everything from a single source!
# Metrology Laboratory Guide 2012

## Gauteng Metrology Services
- **Contact:** Christel Erasmus
- **Tel:** 011 918-7450
- **E-mail:** sales@gautengmetrology.co.za
- **Website:** www.gautengmetrology.co.za

Gauteng Metrology Services is a calibration, manufacturing and testing company which offers calibration services for physical testing machines, precision measuring devices, scales and balance and most other laboratory equipment. We are SANAS (ISO17025) accredited for force (10N – 3000kN) and mass (1 mg – 500 kg). We also offer traceable calibration in torque (500 N.m), temperature (200°C), pressure (700 bar) and dimension (2 m). Gauteng Metrology Services has national services for new sales, repair and upgrade of all laboratory, rheometry and testing equipment. These services also include production automation and control.

## InterCalibration Natal
- **Contact:** Jacky van Pletzen
- **Tel:** 031 563-6948
- **E-mail:** jacky@callab.co.za

InterCalibration (ICN) has been in Durban since 1997. We strive to provide a variety of quality calibration services to all users of measuring equipment in KZN. We provide calibration, consultation and training in metrology and other quality-related matters to our valued customers at competitive rates and turn-around-times.

## Microsep
- **Contact:** Chris de Jager
- **Tel:** 011 553-2300
- **E-mail:** info@microsep.co.za
- **Website:** www.microsep.co.za

Microsep is a leading supplier of scientific analytical, laboratory and weighing instrumentation in Southern Africa. Microsep is ISO9001-certified and SANAS-accredited to ISO/IEC 17025. We are equipped to offer on-site mass calibration of electronic weighing equipment. Microsep is also a SANS 10378 accredited facility for verification of weighing instruments up to 3 ton. We represent the Mettler Toledo product range for use in laboratory, industrial and food retail applications.

## NMISA
- **Contact:** Wynand Louw
- **Tel:** 012 841-4152
- **E-mail:** info@nmisa.org
- **Website:** www.nmisa.org

The National Metrology Institute of South Africa (NMISA) was established under the Measurement Units and Measurement Standards Act No. 18 of 2006, and is part of the Department of Trade and Industry’s family of technical infrastructure institutes. The NMISA is responsible to provide for the use of measurement units of the International System of Units (SI) and certain other measurement units in South Africa, the keeping, development and maintenance of scientific standards as national measurement standards and the dissemination of traceability to South Africa’s trade and commerce. The institute develops and maintains primary methods for chemical analysis and produce and certifies reference materials for SA and the SADC region. The institute also provides reference measurement and analysis and if performed for any legal purpose, the results must be recognised as the true value in South African courts.

## Protea Electronics
- **Contact:** Pieter Cilliers
- **Tel:** 011 719-5722
- **E-mail:** services@protea.co.za
- **Website:** www.protea.co.za

Extensive expertise in professional broadcast and test and measurement equipment. Leader in multi-vendor electronic repairs and calibration. SANAS calibration in the following metrology fields: electrical time and frequency, RF relative humidity. Laboratory No’s 107 / 507 / 707 / 1507. National service centre for Rohde & Schwarz equipment.

## Repair & Metrology Services
- **Contact:** Les Weston
- **Tel:** 011 608-8551
- **E-mail:** lesw@repmet.co.za

RMS has a SANAS-accredited laboratory in the fields of DC/low frequency, time and frequency and temperature metrology. We specialise in the high accuracy calibration of calibration equipment and the calibration of electrical installation testers. We are the authorised service centre for Fluke in Southern Africa as well as an authorised Megger service centre. We are also a Fluke and Megger reseller. We have a SANAS-accredited laboratory in KZN and have a calibration laboratory in Cape Town for which we will obtain SANAS accreditation.

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### Table: Main Fields of Activity vs Main Fields of Metrology

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### SABS Commercial SOC
Contact: Irene Swanepoel  
Tel 012 428-6684  
e-mail: metrology@sabs.co.za  
Website: www.sabs.co.za

The metrology department of SABS Commercial SOC has various ISO/IEC 17025-accredited laboratories that provide calibration services to a wide variety of laboratories and industry. We perform in-lab as well as on-site calibration services throughout South Africa and strive to meet our customers’ demands and expectations.

### Technology Solutions
Contact: Luke Hards  
Tel 012 345-6358  
e-mail: luke@technologysolutions.co.za  
Website: www.technologysolutions.co.za

Technology Solutions is a SANAS-accredited measurement science laboratory that provides precision test and measurement equipment, calibration, training, consultancy and measurement solutions from local and international manufacturers to the Southern African measurement market.

### Unitemp
Contact: Roy MacGregor  
Tel 021 762-8995  
e-mail: roym@unitemp.com  
Website: www.unitemp.com

The Unitemp calibration laboratory became SANAS ISO17025:2005-accredited in September 2010. The laboratory has recently received accreditation for performing on-site calibrations. Our lab metrologists use precision reference equipment with milli-Kelvin resolution, allowing calibration of digital thermometers to uncertainties of ±0.3°C. We also calibrate infrared radiation thermometers, temperature loggers and surface probes. Our lab also offers validation certificates for humidity, flow, pH, and can source almost any other parameter calibration via partners with Testo Industrial Services, Germany. Unitemp also supplies a vast range of measuring instrumentation to cater for the needs of various industries.

### WIKA Instruments
Contact: Rolf Ulbrenger  
Tel 011 621-0000  
e-mail: rulbrenger@wika.co.za  
Website: www.wika.co.za

WIKA Instruments operates calibration laboratories for pressure and temperature at its Johannesburg head office. The pressure laboratory is a SANAS-accredited laboratory for pressure calibration. It has a best measurement capability of between ±0.007% + 5 Pa and ±0.007% + 100 Pa. The temperature laboratory can provide a 3.1b test acceptance certificate. WIKA Instruments Namibia operates a mobile calibration vehicle which also provides 3.1b test acceptance certificates for pressure and temperature. In addition to calibration and testing, WIKA Instruments also distributes its range of pressure and temperature calibration equipment.

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### Seen at the recent Phoenix Contact Technology Fair in Randburg

Kevin Preston (second from left) from Phoenix Contact showing guests the latest power supply units.  
Kevin Hutchinson, Phoenix Contact; Sas du Plessis, Awesome Industrial and Tony Rayner, Phoenix Contact.