



People • Technology • Solutions

HVAC • Refrigeration • Electrical • Measurement

# Instrumentation Repairs and Calibration

To support you with any problems related to your measurements

## We cover the following sectors:

- ✓ Food
- ✓ Environmental
- ✓ Industry
- ✓ Heating Ventilation Air Conditioning
- ✓ Refrigeration

## Why Calibration?

- Confidence that your instrument is accurate
- Sets your company apart from others
- To comply to your industry standards

## Why Service and Maintenance?

- Some instruments require regular checks to maintain accuracy
- Ensure that instrument is ready to use at any time
- Regular service and maintenance will lead to long term reliable efficient testing

## Why Eurotec?

- We are just a phone call away
- One stop solution for instrumentation and qualified service
- Branches in Auckland, Wellington and Christchurch
- 24 hours turn around on average for calibration
- Loan instruments available
- Tell us your requirements and we are happy to help with a solution
- Experienced personnel
- We support in house 100% of our products.
- Competitive rates
- Field service available for on-site calibrations

ppm NO  
 inHg  
 °F  
 %CO<sub>2</sub>  
 mA  
 %RH  
 Δp  
 Eff  
 λ  
 %O<sub>2</sub>  
 m<sup>3</sup>/h  
 ppmNO<sub>x</sub>  
 rpm  
 Hz  
 mmHg  
 ppmNO<sub>2</sub>  
 g/m<sup>3</sup>  
 J/g  
 hPa  
 ppmSO<sub>2</sub>  
 m/s  
 ppm CO  
 fpm  
 ppmHC  
 bar  
 kPa  
 mmH<sub>2</sub>O  
 psi  
 °C  
 ε<sub>c/l</sub>  
 Pa  
 ppmH<sub>2</sub>S  
 ppm NO  
 inHg  
 °F  
 %CO<sub>2</sub>  
 mA  
 %RH  
 Δp  
 Eff  
 λ  
 %O<sub>2</sub>  
 m<sup>3</sup>/h  
 ppmNO<sub>x</sub>  
 rpm  
 Hz  
 mmHg  
 Δp  
 %O<sub>2</sub>



## Temperature



- ✓ Electric Resistance Thermometers
- ✓ Electronic Thermometers
- ✓ Temperature data loggers
- ✓ Block calibrators
- ✓ Thermostatic baths
- ✓ Infrared measuring instruments

## Method and Range

- -15°C to +200°C
- Contact:
- Surface,
- Penetration
- Air
- Bath
- Fixed selective points

## Humidity



- ✓ Electronic hygrometers
- ✓ Humidity data loggers
- ✓ Hygrometers with direct measurement of dew point temperature

## Method and Range

- Saturated salt on 11.3, 50 and 75.3 %RH
- Full scale range **available soon**

## Velocity



- ✓ Hot wire anemometer
- ✓ Hot ball anemometer
- ✓ Vane anemometer
- ✓ Half shell anemometer
- ✓ Pitot tubes
- ✓ Volume flow measuring instruments

## Method and Range

- Velocity from 0 to 30m/s in 3000x150mm wind tunnel

## Chemical, Combustion and Environmental



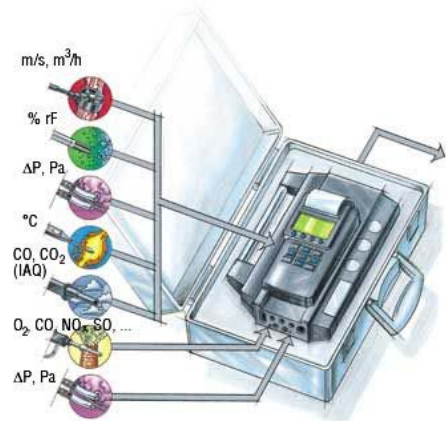
- ✓ pH
- ✓ Conductivity
- ✓ Gas: CO, CO<sub>2</sub>, HC, NH<sub>3</sub>, etc.
- Combustion analyzers
- Environmental monitoring
- Safety devices
- Automotive gas analyzers
- Many more

## Method and Range

- 4,7,10pH
- 1,413mS/cm
- Various concentration of gases

## Sound Level

- +30 to +130dB(A)



°F  
%CO<sub>2</sub>  
mA  
%RH  
Δp  
Eff  
λ  
%O<sub>2</sub>  
m<sup>3</sup>/h  
ppmNO<sub>x</sub>  
rpm  
Hz  
mmHg  
ppmNO<sub>2</sub>  
g/m<sup>3</sup>  
J/g  
hPa  
ppmSO<sub>2</sub>  
m/s  
ppm CO  
fpm  
ppmHC  
bar  
kPa  
mmH<sub>2</sub>O  
psi  
°C  
ε<sub>c/l</sub>  
Pa  
ppmH<sub>2</sub>S  
ppm NO  
inHg  
°F  
%CO<sub>2</sub>  
mA  
%RH  
Δp  
Eff  
λ  
%O<sub>2</sub>  
m<sup>3</sup>/h  
ppmNO<sub>x</sub>  
rpm  
Hz  
mmHg  
Δp  
%O<sub>2</sub>



People • Technology • Solutions

HEAD OFFICE : AUCKLAND Tel : (09) 579 1990  
WELLINGTON : Tel : (04) 499 3591 CHRISTCHURCH : Tel : (03) 366 0017  
Email : sales@eurotec.co.nz WEBSITE : www.eurotec.co.nz

HVAC • Refrigeration • Electrical • Measurement