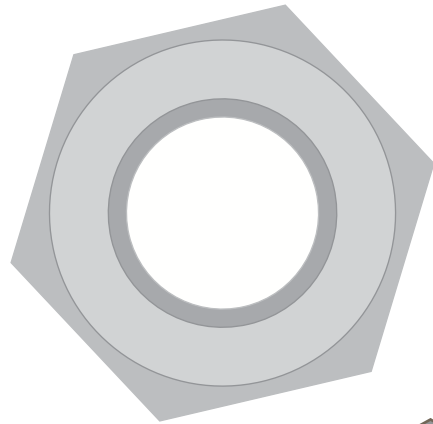
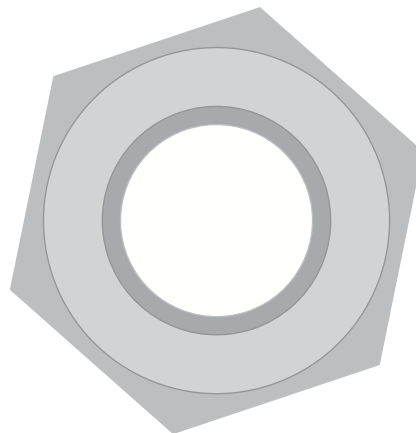


TOOLS  EFFEKTIV



COMPANY
OVERVIEW



EFFEKTIV SOLUTIONS ALWAYS LAST

ABOUT US

Tools Effektiv Pte Ltd focuses on providing effective solutions to our customers in the arena of **Gas detection, Measurement & Inspection** equipment. Our mantra “ Customer’s concerns are our business” drives us into providing utmost supports to our customers. Listening to our customers before providing optimal solutions allows us to provide cost effective solutions to them and thereby achieving cost savings for their end. These were made possible through multiple years of experience in the sales of gas detection systems and measuring instruments. Equipped with sound technical knowledge in gas detection, measurement and inspection equipment, our customers can be assured that they can rely on us in making appropriate decisions in selecting the right instrument. We work closely with prestigious manufacturers to deliver the latest developments and solutions to our customers.

Understanding the significance and criticality of these instruments, consistent efforts are focused on ensuring accuracy of instruments and prompt turnaround time for calibration and servicing.

We are currently representing Crowcon, Helmut Fischer and PCE Instruments in Singapore.

In the near future, we definitely look forward to expanding the product ranges to provide more effective solutions to our customers.



PORTABLE GAS DETECTORS

Portable Gas detectors are essential equipment to bring along for detection of toxic and hazardous gases in hazardous working environments. Prior to entry or working within a confined space requires the use of gas detector particularly for detecting combustible gases, Oxygen concentration and toxic gases that might have accumulated over time.



Clip SGD

- Available for H₂S, O₂ and CO
- Single gas detection
- IP66 & IP67
- Compact and lightweight
- Maintenance free
- Bump test and calibration solution available



T4

- Detects LEL/O₂/H₂S/CO
- IP65 & IP67
- Drop tested to 4m
- TWA resume function
- 18 hours battery life
- Bump test and calibration solution available



Gas Pro TK

- Measures gases in high %vol and %LEL
- Detection of up to 5 gases
- IP65 & IP67
- Up to 30m sampling
- Auto-ranges switch between %vol and %LEL



Gasman

- Single gas detection
- IP65
- Compact and lightweight
- Available for detection of flammable, Oxygen and Toxic gases
- Rechargeable and Non rechargeable versions



Gas Pro

- Detects up to 5 gases
- PID, IR formats available
- IP65 & IP67
- Pumped and diffusion solutions
- Bump and calibration reminders
- Auto fail-safe flow plate recognition
- Bump test and calibration solution available



Detective+

- Temporary area monitor
- Detection of up to 4 gases
- IP65
- Built-in pump option
- Wireless connection between units
- Up to 25 Detective+ can be networked together

FIXED GAS DETECTORS

Fixed gas detectors are commonly installed in working environments to protect personnel from toxic and flammable risks. Laboratories, onboard vessels, rigs and platforms as well as manufacturing plants usually have these installed to consistently monitor their working environments around the clock.



Xgard

- Intrinsically safe (I.S) and Flameproof (Exd) versions
- High grade alloy, GRN and stainless steel enclosure options
- IECEx, ATEX, UL and GOST-R
- IP65
- 2 or 3-wire 4-20mA electrical output
- Electrochemical, Catalytic bead and IR sensor type



Xgard Bright

- OLED display
- Non intrusive calibration
- Analogue 4-20mA and RS485 Modbus signal output as standard
- High grade aluminium alloy enclosure
- IECEx and ATEX
- IP66
- Electrochemical, Catalytic bead and IR sensor type
- Low power consumption



Xgard IQ

- OLED display
- Non intrusive calibration
- +ve safety indicator
- Universal Transmitter
- Smart and speedy bump feature
- Analogue 4-20mA and RS485 Modbus signal output as standard
- 316 Stainless steel enclosure
- IECEx and ATEX
- IP66
- Electrochemical, Catalytic bead and IR sensor type

CONTROL PANELS

Different models of control panels to cater to different requirements. From one channel to sixteen channels, users can select from the models below. These control panels can work independently or interface with any alarm devices and control systems.



Gasmaster

- Analogue, relay and Modbus outputs
- Monitors up to four gas detectors
- Modular design
- IP65



Vortex

- Available in 19" rack mounted, wall mounted and panel mounted formats.
- Up to 12 gas detectors can be monitored.
- IP66



Gasmonitor

- 19" rack-based control system
- Up to 16 gas detectors or 32 fire zones can be monitored.
- Analogue outputs 4-20mA
- Optional relay modules

CALIBRATION/BUMP TEST SOLUTIONS AND CALIBRATION GASES

Calibration and Bump test solutions allows easy calibration and bump testing to be carried out on-site. A comprehensive range of calibration gases are available for selection based on individual's application and requirement.



I-Test



Clip SGD Docking Station



Q-Test



Calibration Gases

INSPECTION TOOLS

Our inspection equipment include Feritscope for ferrite content measurement during welding inspection, Coating thickness gauges for inspection of painting or coating finishes, Ultrasonic thickness gauge for inspection of material thicknesses and portable XRF for coating thickness inspection.



Feritscope FMP30

- Measures ferrite content in Austenitic and Duplex steel
- Non-destructive measurement of ferrite content in a range from 0.1 to 80%Fe or 0.1 to 110FN
- Battery or line operation
- Automatic probe recognition



MPO and MPOR Coating Thickness Gauge

- Compact and lightweight
- Wear resistant probe tips
- Integrated probe or external probe options
- Iso/Fe, NF/Fe or Iso/NF options
- Automatic recognition of substrate



Fischerscope UMP Series Ultrasonic Thickness Gauge

- Dual element probes for reliable results
- Range from 0.5 to 500mm
- 2 points calibration function
- Multi language menu
- 8-12 hour battery life, 2AA batteries
- IP54 rated housing



Fischerscope X-Ray XAN 500

- Measurement spot: 3mm dia.
- Weight 1.9kg
- Silicon drift detector
- Tungsten X-ray tube, 40kV, max. 4W
- WinFTM software for data analysis
- Measurements according to DIN ISO 3497 and ASTM B 568

MEASURING EQUIPMENT



pH Meter

- Measuring range pH 0.00 to 14.00
- Various electrodes available
- Data memory for up to 65,000 measured values
- USB interface
- 5 point calibration
- 3.2" colour LCD
- Multi language menu guidance



Conductivity Tester

- Non destructive conductivity tester for metals
- Measuring range 0.51% IACS to 112% IACS
- Eddy current measuring principle
- 60kHz operating frequency
- Automatic temperature compensation
- Automatic calibration



Force Gauge

- Pull and pressure force measurement
- 600 Hz sampling rate
- Error limit 0.1% of the measuring range
- Graphical analysis
- Battery status indicator
- Different measuring units
- Automatic orientation display



Hardness Meter

- Hardness test by the rebound method
- Measuring range 200 to 900 HL
- 9 material presets
- 0.5" LCD with backlight
- Six different hardness scales
- Data interface