











Environmental Competency Consultancy



-  Flow Meter Series (Electromagnetic & Ultrasonic Flow Meter)
-  Online Monitoring Instrumentation (pH, ORP, Conductivity, D.O, Turbidity & TSS)
-  Intelligent Recorder and External Displays
-  Portable Analysis Instruments for Water (HORIBA, APERA, HACH, YSI,VELP, LOVIBOND)
-  Portable Analysis Instruments for Air & Sound (EXTECH, HONEYWELL, SMART SENSOR, RION)
-  Others Laboratory Equipment, Furniture, Consumable Item and Personal Protective Equipment (PPE)
-  Services & Consultation Provided (Safety & Health and Environmental Aspect)
-  Environmental Pollution Control System & Industrial Safety Training Programme

 www.eccsb.com.my  [environmental competency consultancy](https://www.facebook.com/environmentalcompetencyconsultancy)  [eccsdnbhd](https://www.instagram.com/eccsdnbhd)

"Your One Stop Service Provider on Environmental & Safety Consultation, Training and Instruments."



HORIBA
Scientific



APERA
INSTRUMENTS
Fluid Precision since 1991

ECC 



Environmental Competency Consultancy

We are Environmental Competency Consultancy Sdn Bhd is a registered company under Malaysia and as well as a certified training provider by Human Resource Development Fund (HRDF).

We provide specialize consultancy services and project coordination that related to any environmental pollution control system which included Industrial Effluent Treatment System (IETS), Scheduled Waste Management (SWM) and Air Pollution Control System (APCS).

In order to assist industry to achieve the latest goal from Department Of Environment (DOE), we specialize in providing the specific training course which related to the environmental pollution control system. The training courses is specifically to assist the industry personnel in enhance their technical knowledge and skills while handling the environmental pollution control system.

We also provide industrial safety courses which provides workers and managers with a greater understanding of the safety and health program itself, so that they can contribute to its development and implementation. We assist them in identifying various hazard in their work places and coming up with the best countermeasure available in order to increase productivity and quality of work.

Vision

To be the creative, innovative, and value added training and service provider through the continuous improvement.

Mission

To be the preferable and reliable training and provider that achieve client expectation.

Objective

- To provide valuable training in environmental aspect
- To provide effective guidance and solution in environmental management
- To provide extraordinary learning experience for industry personal in Environmental Management

Model	ECC-EFM
Diameter Nominal	DN10~DN1000
Nominal Pressure	0.6~4.0MPa
Accuracy	±0.5%, ±2mm/s(flow rate<1m/s)
Liner material	PFA,F46,Neoprene,PTFE,FEP
Electrode material	Stainless steel SUS316, Hastelloy C, Titanium, Tantalum Platinum-iridium
Medium Temperature	Integral type: -10°C~120°C Split type: -25°C~120°C
Ambient Temperature	-10°C~60°C
Electrical conductivity	Water 20μS/cm other medium 5μS/cm
Structure type	Protection Class IP65, IP68(optional)
Product Standard	JB/T 9248-1999 Electromagnetic



**Electromagnetic Flow Meter
(Flange type)**



**Electromagnetic Flow Meter
(Split type)**

Model	ECC-EFM
Diameter Nominal	DN10~DN1000
Nominal Pressure	0.6~4.0MPa
Accuracy	±0.5%, ±2mm/s(flow rate<1m/s)
Liner material	PFA,F46,Neoprene,PTFE,FEP
Electrode material	Stainless steel SUS316, Hastelloy C, Titanium, Tantalum Platinum-iridium
Medium Temperature	Integral type: -10°C~120°C Split type: -25°C~120°C
Ambient Temperature	-10°C~60°C
Electrical conductivity	Water 20μS/cm other medium 5μS/cm
Structure type	Protection Class IP65, IP68(optional)
Product Standard	JB/T 9248-1999 Electromagnetic

Model	ECC-2000H
Pipe size	DN32-DN6000
Accuracy	±1%
Totalizer	7-digit totals for net positive and negative flow respectively
Liquid types	Virtually all liquids
Working temperature	Converter: -20~60°C, Flow Transducer:-30~160°C
Working humidity	Converter:85%RH; Flow transducer; IP67
Display	4×8 Chinese characters or 4×16 English letters
Power supply	3 AAA built-in Ni-H batteries
Date logger	Built-in data logger can store over 2000 lines of data
Case material	ABS
Dimension	200*93*32mm(Converter)
Handset weight	500g with batteries



**Handheld Ultrasonic
Flowmeter**

ONLINE MONITORING INSTRUMENTATION



pH Meter, pH Controller

Model	ECC-pH6.0
Measure range	pH: 0-14 pH, ± 0.02 ORP: -1000 ~1000mV, $\pm 1mV$
Resolution	0.01pH; 1mV
Stability	pH: $\leq 0.02pH/24h$; ORP: $\leq 3mV/24h$
Measuring medium	Liquid
Input Resistance	$\geq 10\sim 12\Omega$
Temp compensation	Manual/ Auto temperature compensation
Temperature Range	0~100°C, NTC10K or PT1000
Communication	RS485, Modbus-RTU
Signal output	4-20mA, maximum loop 750 Ω , 0.01%FS
Power supply	AC220V $\pm 10\%$, 50Hz
Relay output	250V, 3A

Model	ECC-pH8.0
Measure range	pH: 0-14 pH, ± 0.02 ORP: -1000 ~1000mV, $\pm 1mV$
Resolution	0.01pH; 1mV
Stability	pH: $\leq 0.02pH/24h$; ORP: $\leq 3mV/24h$
Measuring medium	Liquid
Input Resistance	$\geq 10\sim 12\Omega$
Temp compensation	Manual/ Auto temperature compensation
Temperature Range	0~100°C, NTC10K or PT1000
Communication	RS485, Modbus-RTU
Signal output	4-20mA, maximum loop 750 Ω , 0.01%FS
Power supply	AC220V $\pm 10\%$, 50Hz
Relay output	250V, 3A



pH Meter, pH Controller



TDS Meter, EC Controller

Model	ECC-TDS210
Measure range	0.01 electrode: 0.02~20.00us/cm 0.1 electrode: 0.2~200.0us/cm 1.0 electrode: 2~2000us/cm 10.0 electrode: 0.02~20ms/cm
Resolution	$\pm 1\%FS$
Stability	$\pm 1\%FS/24H$
Measuring medium	Liquid
Input Resistance	$\geq 10\sim 12\Omega$
Temp compensation	Manual/ Auto temperature compensation
Temperature Range	-10-130°C, NTC10K or PT1000
Communication	RS485, Modbus-RTU
Signal output	4-20mA, maximum loop 750 Ω , 0.1%FS
Power supply	AC220V $\pm 10\%$, 50Hz
Relay output	250V, 3A

ONLINE MONITORING INSTRUMENTATION

Model	ECC-DO700
Measure range	0-20mg/L, 0-20ppm, 0-45deg C
Resolution	Resolution: ±3%, Temperature: ±0.5°C
Pressure range	≤0.3Mpa
Calibration	Automatic air calibration, Sample calibration
Sensor material	SUS316L+PVC (Ordinary Version), Titanium Alloy (Seawater Version) O-ring: Fluoro-rubber; Cable: PVC
Cable length	Standard 10-Meter Cable, Max : 100m
Display	128 * 64 dot matrix LCD with LED backlight
Output	4-20mA(Max three-way); RS485 MODBUS; Re lay output(Max three-way);
Power supply	AC220V, 50Hz,(optional 24V)



Dissolved Oxygen Meter



Suspended Solids Meter

Model	ECC-PPS200
Main materials	Main Body:SUS316L (Ordinary Version), Titanium Alloy (Seawater Version) Upper and Lower Cover : PVC ; Cable: PVC
Waterproof rate	IP68
Measurement range	0.01-20000 mg/L, 0.01-45000 mg/L , 0.01-120000 mg/L
Indication resolution	Less than ± 5% of the measured value
Pressure range	≤0.4Mpa
Flow velocity	≤2.5m/s, 8.2ft/s
Storage temperature	-15~65°C
Environment temperature	0~45°C
Calibration	Sample Calibration, Slope Calibration
Cable length	Standard 10-Meter Cable, Max Length: 100 Meters
High voltage baffle	Aviation Connector, Cable Connector
Sensor size	Diameter 60mm* Length 256mm
Sensor weight	1.65 KG

Model	ECC-PTU200
Display	128 * 64 dot matrix LCD with LED backlight, which can be operated under the direct sunlight
Power supply	AC : AC220V, 50Hz, 5W; DC : DC24V
Output	Three-way analog output 4-20mA, Note: the maximum load is 500 ohms
Relay	Three-way relay can be set up
Digital communication	MODBUS RS485 communication function, which can transmit real-time measurements
Material of outside shell	Lower casing : Aluminum with powder covering cover : PA66+GF25+FR
Ingress protection	IP65
Size	145*125*162mm L*W*H
Weight	1.3KG







Turbidity Meter

Electrode Model	Designation	pH Range	Temperature Range
ECC -pH5019	Plastic pH Sensor	0-14pH	0-80°C
ECC -pH5041	Glass pH Electrode	0-14pH	0-90°C
ECC -pH5050	High Temperature Glass pH Probe	0-14pH	0-130°C
ECC -pH5022	Germany pH Electrode	0-14pH	-5-80°C
ECC-pH5013A	PTFE pH Electrode	0-14pH	0-90°C
ECC -pH5012	Desulfurization pH Electrode	0-14pH	0-60°C





Plastic pH Sensor

-  0-14pH
-  0-80°C
-  0.6MPa
-  PPS/PTFE



Germany pH Electrode

-  0-12pH
-  -5-80°C
-  0.6MPa
-  Glass



Glass pH Electrode

-  0-14pH
-  0-90°C
-  0.6MPa
-  Glass



PTFE pH Electrode

-  0-14pH
-  0-90°C
-  0.6MPa
-  PTEE






High Temperature Glass pH Electrode

-  0-14pH
-  0-130°C
-  0.6MPa
-  Glass



Desulfurization pH Electrode

-  0-14pH
-  0-130°C
-  0.6MPa

Electrode Model	Designation	pH Range	Temperature Range
ECC-ORP5011	Industrial ORP Electrode	±2000mV	0-60°C
ECC-ORP5041	Glass ORP Electrode	±2000mV	0-90°C
ECC-TDS-6011	Conductivity Sensor (K=10.0)	(0.2~20)mS/cm	0-50°C
ECC-TDS-6011	Conductivity Sensor (K=1.0)	(2.0~2000)µS/cm	0-50°C
ECC-TDS-6011	Conductivity Sensor(K=0.1)	(0.2~200)µS/cm	0-50°C
ECC-TDS-6011	Conductivity Sensor(K=0.01)	(0.02~20.00)µS/cm	0-50°C



Industrial ORP Electrode

- 2000mV~+2000mA
- 0-60°C
- 0.3MPa
- PPS/PC/PTFE



Conductivity Sensor

- 0.6MPa
- 0-2000uS /cm
- 1/or 3/4 Thread Installation
- 316L Titanium Alloy and Platinum



Glass ORP Electrode

- 2000mV~+2000mA
- 0-80°C
- 0.6MPa
- Glass



Conductivity Sensor

- 0.6MPa
- 0-200uS/ cm
- Pipes, hoses and flanged pipes, etc. Diameter: Φ6, Φ8, Φ14, etc.
- 316L Titanium Alloy Power Plant Water Treatment I



Conductivity Sensor

- (0.2-20)mS/cm
- (0-50)°C
- Polysulfone



Conductivity Sensor

- (0.02-20.00)uS/cm
- ±0-50 deg C
- Stainless Steel

INTELLIGENT RECORDER AND EXTERNAL DISPLAY



ECC-R9600

Number of Inputs	1~18channels		
Sampling period	1s,2s,3s.....1h		
Sampling speed	1s		
Power supply	176 to 264 VAC		
Rated power supply frequency	47-63 Hz (automatic switching)		
Power consumption	20 VA (max., for 264 VAC power supply)		
Ambient temperature	0 to 50 °C		
Ambient humidity	10% to 85%		
Input	Range	Measurement accuracy (%FS)	Display resolution
DCV	1-5 V	±0.1	1mv
DCA	(4~20)mA	±0.2	1mv
	(0~20)mV,(-20~20)mV, (0~100)mV	±0.2	1mv
Input (Thermocoupletype)	Range (°C)	Measurement accuracy (°C)	Display resolution
B	600 ~ 1800	±2.4	0.1°C
E	-200 ~ 1000	±2.4	0.1°C
J	-200 ~ 1200	±2.4	0.1°C
K	-200 ~ -100	±3.3	0.1°C
	-100 ~ 1300	±2.0	0.1°C
	-50 ~ 100	±3.7	0.1°C
S	100 ~ 300	±2.0	0.1°C
	300 ~ 1600	±1.5	0.1°C
	-200 ~ -100	±1.9	0.1°C
T	-100 ~ 380	±1.6	0.1°C
	-50 ~ 100	±3.7	0.1°C
R	100 ~ 300	±2.0	0.1°C
	300 ~ 1600	±1.5	0.1°C
	-200 ~ 1300	±3.0	0.1°C
N	-200 ~ 1300	±3.0	0.1°C

Model	ECC-1100
Display	Dual-screen LED display
Dimension	A. 160*80*110mm B. 80*160*110mm C. 96*96*110mm D. 96*48*110mm E. 48*96*110mm F. 72*72*110mm G. 48*48*110mm
Power supply	AC/DC100~240V (AC/50-60Hz) DC 20~29V
Output	4-20mA (RL≤600Ω) RS-485 communication interface(Modbus) Relay output



Digital Meter / Digital Display Controller

pH Range	-2.00 to 20.00 pH
Resolution	0.1, 0.01 pH
Accuracy	± 0.01 pH
Calibration Points	Up to 5
Buffer Options	USA, NIST
ORP Range	± 2000 mV
Resolution	0.1 mV
Accuracy	± 0.2 mV
Temperature Range	-30.0 to 130.0°C
Resolution	0.1°C
Accuracy	± 0.4°C
Electrode Status	On screen display
Diagnostic Messages	Yes
Display	Custom black and white static LCD
Inputs	BNC, phono, DC sockets
Output	RS232
Power Requirement	AC adaptor, 100-240V, 50/60Hz
Weight	500g
Dimensions	170(L) x 174(D) x 73(H) mm



**LAQUA PH1100 pH/
ORP/Temperature**



**LAQUA DO210
DO/Temperature (°C/°F)**

DO Range	0.0 to 20.00 mg/L 0.0 to 200.0%
Resolution	0.01 mg/L, 0.1%
Accuracy	± 0.1 mg/L
Salinity Compensation	0.0 to 40.0 ppt
Temperature Compensation	Yes
DO Probe Type	Galvanic integrated with temperature sensor
Calibration Points	Up to 2
Temperature Range	-30.0 to 130.0 °C / -22.0 to 266.0 °F
Resolution	0.1 °C / °F
Accuracy	± 0.5 °C / ± 0.9 °C
Calibration Option	Yes
Display	Custom LCD with backlight
Housing	IP67, shock & scratch resistant, non-slip
Power Requirement	2 x AA batteries
Battery Life	> 500 hours
Meter Dimensions	160 (L) x 80 (W) x 40.60 (H) mm
Meter Weight	Approx. 260 g (with batteries) / 216 g (without batteries)

Conductivity Range	...µS/cm to 200.0 mS/cm (k=1.0)
Resolution	0.05% full scale
Accuracy	±0.6% full scale; ±1.5% full scale > 18.0 mS/cm
Reference Temperature	15 to 30 °C (adjustable)
Temperature Coefficient	0.00 to 10.00% (adjustable)
Cell Constant	0.1, 1.0, 10.0 (adjustable)
Calibration Points	Up to 4 (Auto) / Up to 5 (Manual)
Measurement Unit	S/cm, S/m (selectable / auto-ranging)
TDS Range	...ppm to 100 ppt (TDS factor=0.5)
Resolution	0.01 ppm (mg/L) / 0.1 ppt (g/L)
Accuracy	±0.1% full scale
TDS Curves	Linear (0.40 to 1.00), EN27888, 442, NaCl
Resistivity Range	0.000 Ω•cm to 20.0 MΩ•cm
Resolution	0.05% full scale
Accuracy	±0.6% full scale; ±1.5% full scale > 18.0 MΩ•cm
Salinity Range	0.0 to 100.0 ppt / 0.00 to 10.00 %
Resolution	0.1 ppt / 0.01%
Accuracy	±0.2% full scale
Salinity Curves	NaCl / Seawater
Calibration Option	Yes
Temperature Range	-30.0 to 130.0 °C / -22.0 to 266.0 °F
Resolution	0.1 °C / °F
Accuracy	± 0.5 °C / ± 0.9 °C



**LAQUA EC210
Conductivity/TDS/
Res/Sal/Temp (°C/°F)**

Model	pH-11	pH-22	pH-33
Measurement Principle	Glass Electrode		
Minimum Sample Volume	0.1 ml (0.05 ml with Sampling Sheet B)		
pH Range / Resolution	0.0 to 14.0 pH / 0.1 pH	0.00 to 14.00 pH / 0.01 pH	
Accuracy	± 0.1 pH	± 0.01 pH	
Maximum pH Calibration Points	2	3	5
pH Calibration Curves	USA: 1.68, 4.01, 7.00, 10.01 & 12.46 / NIST: 1.68, 4.01, 6.86, 9.18 & 12.46		
mV Range / Resolution	± 650 mV / 1 mV		
Temperature Display / Resolution	—		0 to 50.0 °C / 0.1 °C
Accessories Included	pH 7.00 & 4.01 pH Buffers (14 ml each) CR2032 Batteries (2) • Dropper • Instruction & Quick Manuals • Storage Case		



Model	EC-11	EC-22	EC-33	Salt-11
Measurement Principle	2 Electrode Bipolar AC			
Minimum Sample Volume	0.12 ml			
Measurement Range /Resolution	Conductivity 0 to 199 µS/cm (1 µS/cm) 200 to 1999 µS/cm (1 µS/cm) 2.00 to 19.99 mS/cm (0.01 mS/cm)	Conductivity 0 to 199 µS/cm (1 µS/cm) 200 to 1999 µS/cm (1 µS/cm) 2.00 to 19.99 mS/cm (0.01 mS/cm) 20.0 to 199.9 mS/cm (0.1 mS/cm)		Salt 0.0 to 100.0 g/L (0.1 g/L)
	—		TDS 0.0 to 99.9 ppm (0.1 ppm) 100 to 999 ppm (1 ppm) 1000 to 9990 ppm (10 ppm)	Salt 0.0 to 100.0 g/L (0.1 g/L)
Accuracy	± 2% full scale (for each range)			± 10% of actual value
Maximum Calibration Points	2	3		2
Calibration Curves	1413 µS/cm, 12.88 mS/cm	1413 µS/cm, 12.88 mS/cm, 111.8 mS/cm		NaCl / Sea water
	—		TDS Factor (0.4 to 1.0) / EN 27888 / 442 / NaCl	
Temperature Display /Resolution	—		0 to 50.0 °C (0.1 °C)	
Accessories included	1413 µS/cm & 12.88 mS/cm Conductivity Standard Solutions (14 ml each)			0.5% & 5.0% NaCl Standard Solutions (14 ml each)
	Conditioning Solution (4 ml) • CR2032 Batteries (2) • Dropper • Instruction & Quick Manual • Storage Case			

GENERAL SPECIFICATIONS

Function	Automatic Range • Automatic Standard Recognition • Temperature Compensation (2%/°C fixed) • Temperature Calibration* • Auto Hold / Auto Stable • Automatic Power Off (30 mins.) • Low Battery Indicator • IP67 Water / Dust Proof • Replaceable Sensor
Display	Custom (monochrome) digital LCD with backlight
Operating Temperature & Humidity	5 to 40 °C, 85% or less in relative humidity (no condensation)
Battery Life	Approx. 400 hrs. continuous use without backlight
Material	ABS epoxy body / Titanium coated with platinum black sensor
Dimensions	164 x 29 x 20 mm(excluding projections)
Mass	Approx. 50g (including sensor and batteries)



Apera pH 850

Model	Apera pH 850	
pH	Measuring Range	(0 to 14.00) pH
	Resolution	0.1/0.01 pH
	Accuracy	±0.01 pH ±1 digit
	Temperature Compensation Range	(0 to 100)°C (Auto. or Manual)
	Calibration point	1 to 3 points
mV	Measuring Range	±1000mV
	Resolution	1mV
	Accuracy	±0.2% FS ±1 digit
Temp.	Measuring Range	0 to 100°C
	Resolution	0.1°C
	Accuracy	±0.5°C±1 digit
Power	3* AA alkaline batteries	
Dimension & Weight	Meter: (88*170*33)mm / 313g Case: (360*270*76)mm / 1.6kg	
Connector	BNC for pH and ORP; RCA for temperature	
Accessories	PH850 meter, 201T-F pH/temp. electrode, 50ml of pH buffers (4.00, 7.00), 50ml of conductivity standards (1413µS, 12.88mS), instruction manual, screwdriver (for battery replacement), carrying case	

Model	Apera DO 850	
Dissolved Oxygen	Dynamic Range	(0-20.00) mg/L (ppm), (0-200.0)%
	Resolution	0.01/0.1mg/L (ppm), 0.1/1%
	Accuracy	±2% reading or ±2% saturation, whichever is greater ±2% reading or ±0.2 mg/L, whichever is greater
	Response Time	≤30 s (25°C, 90% response)
	Calibration Points	Saturation Point & Zero Oxygen
	Temperature Compensation	Automatic, (0 to 50)°C
	Pressure Compensation	Automatic, (60 to 120) kPa
Temperature	Salinity Compensation	Manual, (0 to 45) ppt
	Range	(0 to 50.0)°C
	Resolution	0.1°C
Other	Accuracy	±0.5°C
	Batteries	AA x 3 (1.5V×3)
	IP Rating	IP57
	Dimensions and Weight	Meter: 88×170×33 mm/313g With case: 360×270×76 mm/1.3kg
	Product Certificate	RoHs, CE



Apera DO 850



Apera TN 400

Model	Apera TN400	
Measuring Range	0 to 1000 NTU, automatic range selection: 0.01 to 19.99 NTU 20.0 to 99.9 NTU 100 to 1000 NTU	
Resolution	0.01/0.1/1 NTU	
Reading Error	≤ ±2 % of reading± stray light	
Repeatability	≤ ±1% of reading or 0.02 NTU, whichever is greater	
Calibration Standards	0.02 NTU, 20.0 NTU, 100 NTU, 800 NTU(Polymer)	
Light Source	Infrared light emitting diode (850nm wavelength)	
Detector	Silicon photovoltaic	
Display	TFT Color screen	
Sample Vials	Φ25×60 mm, high borosilicate glass with screw cap	
Sample Volume	18 ml	
Operating Temp. Range	0 to 50°C (32 to 122°F)	
Power Supply	4× AA Alkaline Batteries	
IP Rating	IP67	
Dimension/Weight	Meter: (90×203×80)mm / 385 g Portable Case: (310×295×110)mm / 1.5 kg	
Quality and Safety Certificate	ISO9001:2008 & CE	

SOUND LEVEL METER

Range	30 to 130dB (3 ranges)
Basic accuracy	±1.4dB
Frequency Range	31.5 to 8000Hz
Weighting	A and C
Response Time	Fast (125ms) / Slow (1s)
Memory	20M data records using 2G SD card
Analog Output	AC
Dimensions	9.8 x 2.9 x 1.9" (250 x 73 x 48mm)
Weight	18.3oz (520g)
Features	
Auto or Manual ranging	
Large backlit LCD display	
AC analog output for connection to an analyzer or recorder	
Stores 99 readings manually and 20M readings via 2G SD card	
Records readings with real date and time stamp	
User programmable sampling rate: 1 to 3600 seconds	
Min/Max and Data Hold functions	
Auto power off with disable function	
Complete with 6 AA batteries, SD Card, wind screen, and hard carrying case	



AIRFLOW METER



Specifications	Range	Max Resolution	Basic Accuracy
Pressure			
psi	0.7252psi	0.0001psi	±0.3%FS
mbar	50.00mbar	0.01mbar	±0.3%FS
inH ₂ O	20.07inH ₂ O	0.01inH ₂ O	±0.3%FS
mmH ₂ O	509.8mmH ₂ O	0.01mmH ₂ O	±0.3%FS
Pa	5000Pa	1Pa	±0.3%FS
Linearity/Hysteresis	±0.29FS		
Maximum Pressure	10psi		
Air Velocity/Flow			
ft/min	200 to 15733	1	±1% FS
m/s	1 to 80.00	0.01	±1% FS
km/h	3.5 to 288.0	0.1	±1% FS
MPH	2.25 to 178.66	0.01	±1% FS
knots	2.0 to 154.6	0.1	±1% FS
CFM/CMM	0 to 99,999	0.001	±1% FS
Temperature	32.0 to 122.0°F (0 to 50°C)	0.1°	±3°F/1.5°C
Dimensions/Weight	Meter: 8.2 x 2.9 x 1.9" (210 x 75 x 50mm) / 12oz (340g); Pitot Tube: 15.4 x 7.7" (390 x 195mm); Diameter 0.32" (8mm) / 7.2oz (204g)		

GAS DETECTOR



Size	5.1 x 2.8 x 2.0 in. / 13.1 x 7.0 x 5.2 cm	
Weight	11.5 oz. / 328 g	
Operating Temperature	-4 to 122°F / -20 to 50°C	
Humidity	10 - 100% RH (non-condensing)	
Alarms and Type	Visual, vibrating, audible (95 dB); Low, High, TWA, STEL, OL (over limit), Low Battery, Pump	
Self-Test	Audible/visual alarms on activation, sensors, battery, pump and circuitry (continuous)	
Typical Battery Life	13 hours @ 32°F / 0°C 8 hours @ -4°F / -20°C Recharges in 6 hours	
Pump Draw	Sample from up to 75 ft. / 23 m Note: Do not attempt to calibrate a Honeywell BW™ Max XT with tubing longer than the standard calibration tubing supplied with the detector	
User Options	Confidence beep • Safety (sensor) lock • Latching alarms • Safe display mode • Calibration IR lock • Location selection • Force block test • Force bump test when overdue • Force calibration when overdue • Sensor configuration • Detector identification • Low alarm acknowledge • Language choices (five) • Set custom start-up message • Confidence interval • Datalog interval	
Sensor Specifications		
Gases	STANDARD MEASURING RANGE	RESOLUTION
Hydrogen Sulfide (H ₂ S)	0 - 200 ppm	1 / 0.1 ppm
Carbon Monoxide (CO)	0 - 1,000 ppm	1 ppm
Oxygen (O ₂)	0 - 30% vol	0.1% vol.
Combustible Gases (LEL)	0 - 100% LEL 0-5.0% v/v	1% LEL 0.1% v/v

HACH PRODUCTS



**Spectrophotometer
(DR 3900)**



**Spectrophotometer
(DR 6000)**



**HQD
pH Meter**



**Reagent
Set**

YSI PRODUCTS



YSI ProOBOD



**YSI ProSolo-Optical
Dissolved Oxygen Meter**



YSI Multilab

VELP PRODUCTS



Jar Tester



BOD Incubator



COD Digester

LOVIBOND PRODUCTS



Color Disc



**Photometric and
Reagent Set**



Multiple Test Strips



Dipslides

AIR POLLUTION CONTROL SET UP (SCRUBBER & BAG FILTER)



Pitot Tube Air Velocity Meter



Infrared Thermometer



Infrared Thermometer



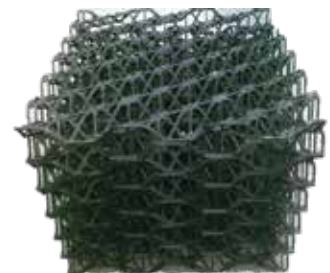
Rotameter



Magnehelic Gauges



Teller Rosette Ring Packing Media



Biogas Scrubber Media

IETS (Physical Chemical Process)

EQUIPMENT SET UP



Colorimeter DR900



COD Reactor



COD Reagent



Portable ORP Meter



Benchtop pH and Conductivity Meter



Micropipette

IETS (Biological Process)



Dissolved Oxygen Meter



SV30 TEST



MLSS & MLVSS Set Up



BOD SetUp

LABORATORY EQUIPMENTS AND CONSUMABLE ITEMS



Weighing Balance



Oven



Furnace



Filtration Set



Laboratory Chemicals



Filter Paper



Moisture Analyzer



Microscope



Vacuum Pump



Acid / Solvent Cabinet



Glassware



PPE / PHP

On-Site Equipment (Pollution Control System)



Air Operated Diaphragm Pump



Storage Tank (Poly)



Chemical Dosing Pump



Chemical Preparation Tank



Customised FRP Tank



Filter Press

SCHEDULED WASTE & CHEMICAL STORAGE SOLUTION

Spill Kits



Portable Oil Spill Kit







Portable Universal Spill Kit



Economical Oil Spill Kit







Economical Universal Spill Kit

-  Comes in different spill response capacity of 20 litres to 200 litres
-  Compliance to ISO 14001, OSHA, DOSH and other Environmental Certifications.
-  Able to facilitate from containment to total clean up
-  Designed to be easily mobilised





Spill Pallets

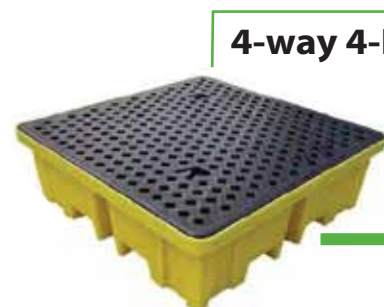


Drum Spill Pallet





-  1280 x 1280 x 275
-  29 kg per pallet
-  230 Litre
-  1250 kg max load

4-Drum Square Spill Deck





-  1660X1260X150
-  38kg
-  300 Litre
-  2000kg max load



4-way 4-Drum Spill Pallet

-  1220 x 1220 x 388
-  40 kg per pallet
-  250 Litre
-  3000 kg max load

2-Drum Spill Deck

-  1260 X 860 X 150
-  20kg per pallet
-  150 Litre
-  1000kg max load



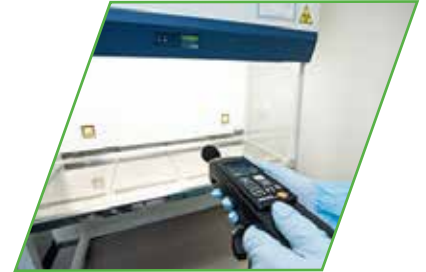
Safety and Health Monitoring Services



Chemical Health Risk Assessment (CHRA)



Chemical Exposure Monitoring (CEM)



Noise Mapping & Noise Risk Assessment (NRA)



Indoor Air Quality Monitoring (IAQ)



Audio-Metric Testing



Drinking Water Analysis

Environmental Monitoring Services



Stack Monitoring For Chimney



Ambient Air Monitoring



Boundary Noise Monitoring



Industrial Effluent Characteristic Study (IECS)



Compliance's Effluent Monitoring & Sampling






Waste Acceptance Criteria Analysis & Sampling (WAC)

ENVIRONMENT TRAINING FOR POLLUTION CONTROL UNIT (IETS, SWM, APCS) OPERATION






We are Environmental Competency Consultancy Sdn Bhd, which is specializing in providing customization in house training for Industrial Effluent Treatment System Operation and Scheduled Wastes Management for the support staff.

Benefits of The Program:





-  Enhancement of the knowledge and skills for Environmental Management support staff in daily operation handling.
-  Enhancement specific skills towards the every pollution control unit operation and maintenance (included :IETS,SWM,APCS).
-  Enhancement on overall understanding towards legal framework and enforcement requirement.

Type of Courses Provided:

Technical

-  Basic understanding towards Industrial Effluent Treatment System(IETS) operation and maintenance (Preliminary Treatment, Primary Treatment, Secondary Treatment and Tertiary Treatment).
-  Principle knowledge on how to perform troubleshooting through the performance monitoring data evaluation.
-  Skills enhancement on how to perform effective " JAR TEST" in determine the optimum chemical dosage.
-  Overall understanding towards effective scheduled wastes management (Responsibility, Waste Identification & Classification, packaging & labeling, Transport and information).
-  Overall understanding towards Air Pollution Control Unit (scrubber) operation and performance monitoring requirement.

Theory

-  Understanding towards Industrial Effluent Regulation 2009
-  Understanding towards Scheduled Waste Regulation 2005
-  Understanding towards Clean Air Regulation 2014
-  Record keeping and reporting towards internal and external requirement



We are Environmental Competency Consultancy Sdn Bhd, which is specializing in providing customization in house training for Industrial Safety Training courses. We educate the workers and managers about workplace hazards and controls so they can work more safely and be more productive.

Benefits of The Program:

- Understanding the skills to do their work safely and avoid creating hazards that could place themselves or others at risk.
- Awareness and understanding of workplace hazards and how to identify, report, and control them.
- Specialized training, when their work involves unique hazards.

Type of Courses Provided:

- Behavioral Based Safety
- Job Safety Analysis
- Occupational Safety, Health and Environment Management
- PPE Products Training
- Rigging & Slings Awareness
- Safe Handling of Forklift Truck
- Safety and Health Committee
- Effective HIRARC at the Workplace
- 6S and Productivity
- First Aid and CPR
- Safe Chemical Handling and Spillage Management



Environmental Competency Consultancy Sdn. Bhd.

绿鑫环境顾问有限公司 (1233946 - V)

📍 HQ: No 120A, Jalan Bakawali 52, Taman Johor Jaya, 81100 Johor Bahru, Johor.
Tel: 018-236 7662 Fax: 07-364 5819
Email: info@eccsb.com.my / ecc17info@gmail.com
Batu Pahat Sales Office:
No 13, Jalan Setia Jaya, Taman Setia Jaya, 83000 Batu Pahat, Johor.

🌐 www.eccsb.com.my  [environmental competency consultancy](https://www.facebook.com/environmentalcompetencyconsultancy)  [eccsdnbhd](https://www.instagram.com/eccsdnbhd)



Official Website

• *Conserve the Environment* • *Conserve the Life* •