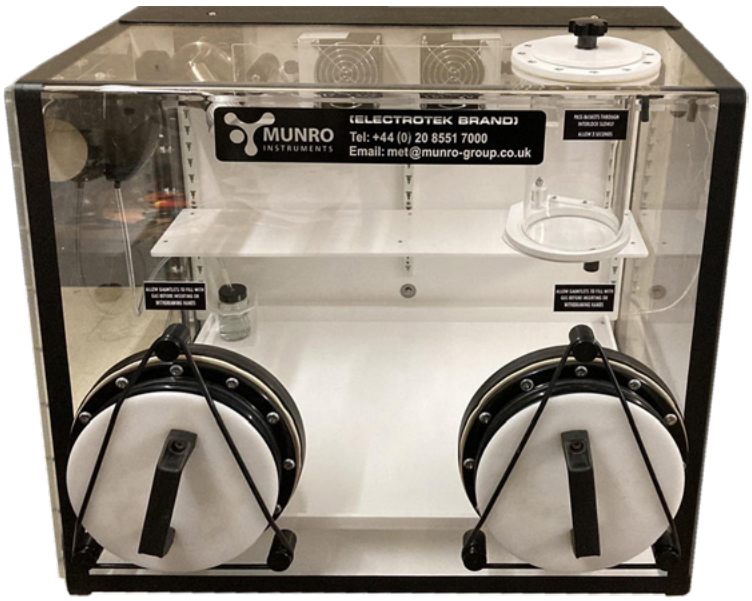
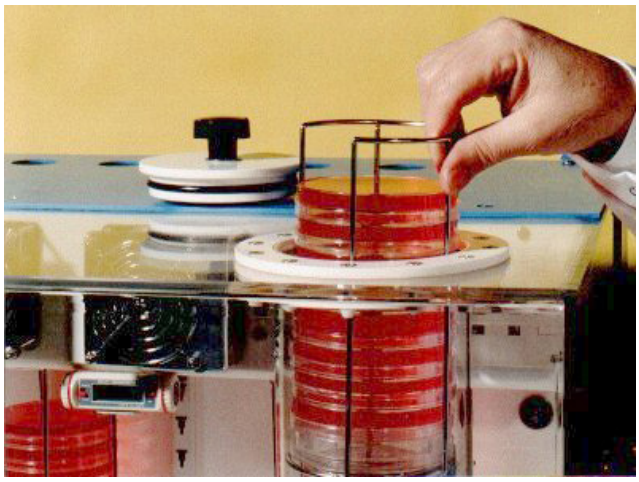
AW200SG, Anaerobic Workstation



The AW200SG is the smallest of MUNRO's range of anaerobic workstations. It is ideal for the laboratory where oxygen free conditions are required for the growth and identification of bacteria. Its small bench size makes the AW200SG ideal for the individual research project.
The unit will incubate 220 petri dishes and has a 10 dish transfer port. The workstation operates from a single cylinder of anaerobic mixed gas and is very economical on gas usage.
The product comes complete with automatic humidity control, oxygen indicator equipment, internal mains socket, spotlight, catalyst, plate holders and gauntlets. It is ready to work once it is plugged into its electricity and gas supplies.

Plate Access: The transfer port is situated on top of the workstation and will hold 10 petri dishes. This will allow rapid transfer of dishes both into and out of the incubator. The positive pressure inside the cabinet and the doors at each end of the lock, together with the fast acting gas inlet switching, ensures that the workstation remains anaerobic at all times.



Glove Free Operation: This unique bare hand method is very simple to operate. Air-tight seals fit around the user's wrists as shown and the anaerobic atmosphere is maintained. The design eliminates the use of footswitches and gets rid of large internal arm port bungs, giving more working room inside the incubator. The system is very economic on gas usage and the hands can be inserted in seconds.

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Electrotek Brand of Quality

MUNRO
INSTRUMENTS

Controls: The unit works automatically without the use of footswitches or pushbuttons and the controls are not needed for routine operation.

Admitting Equipment: Equipment can be placed inside the incubator through the arm ports prior to commissioning.

Anaerobic Indication: A small pump together with an oxygen-sensitive liquid indicator is provided with the workstation.

Bench Area: The workstation occupies a minimum amount of bench area and is completely self contained.

Visibility: The visibility is excellent. Four of the cabinet's surfaces are transparent and this is further enhanced by a narrow angle, low voltage spotlight. There are no folds in the front viewing window to obstruct clear vision.

Working Position: Working inside the incubator is very comfortable and all parts can be reached without effort.

Construction: The unit is made using high quality acrylic and the seams are welded to ensure leak-free joints.

Temperature: The temperature is controlled by an adjustable electronic controller and an internal digital thermometer displays the temperature.

Humidity: The R.H. within the incubator is controlled by a humidistat and fan cooled condensation plate situated at the rear. The distillate is collected in a drainable bottle.

Internal Power Socket: A mains socket is provided to facilitate the use of electrical equipment inside the chamber.

Earth Leakage Circuit Breaker: The workstation is fitted with a safety device to protect the operator against electric shock.

The AW200SG can also be used as a microaerophylic incubator by using an alternate gas supply.

Specifications	
Incubation Capacity	220 Petri Dishes
Transfer Port Capacity	10 Petri Dishes
Gas Supply	Mixed Gas 10% H2 + 10% CO2 +80% N2
Electrical Supply	240V.A.C., 50Hz, 300W
Temperature Range	Ambient + 4°C to 42°C
Temperature Stability	±0.5°C @ 37°C
Overall Dimensions	W=25.5" (648mm), D=25" (635mm), H=22.5" (572mm)
Net. Weight	35Kg
Gross Weight	115Kg

Complies with ESCHLE and other international standards.
You will find the AW200SG effective, comfortable to work with and safe. It is economical to run, maintain and service..

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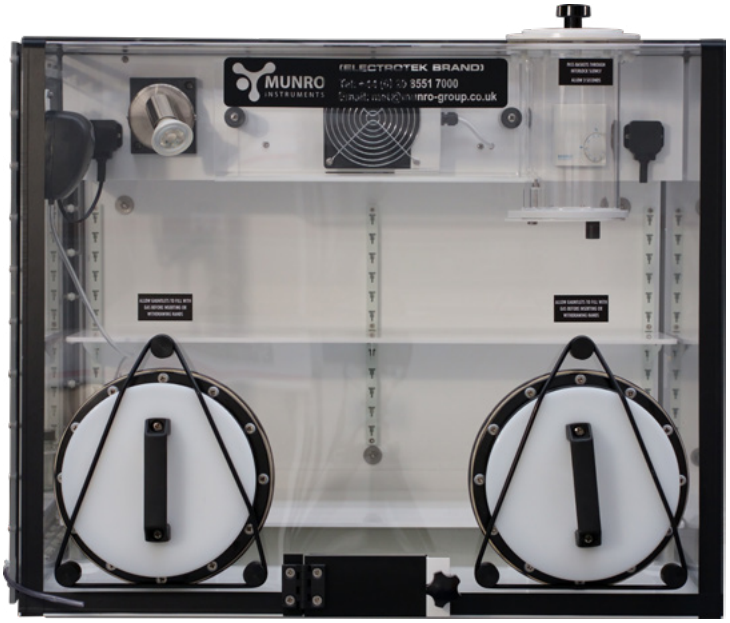
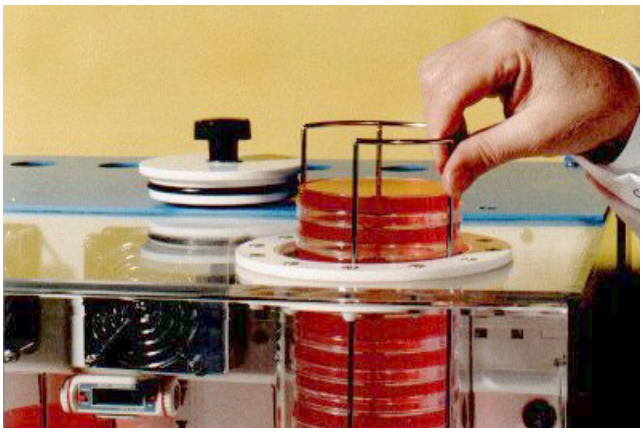
AW300SG, Anaerobic Workstation

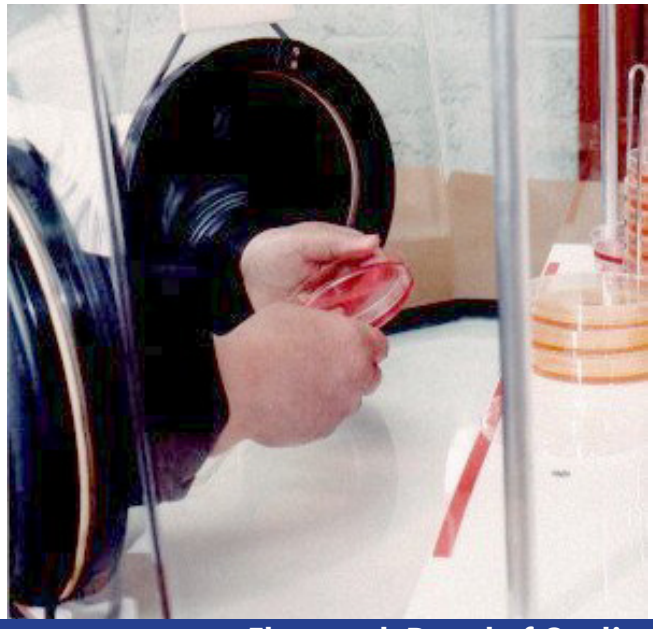


The AW300SG anaerobic workstation is ideal for the laboratory where oxygen free conditions are required for the growth and identification of bacteria. Its small bench size yet large incubation capacity makes it perfect for the individual research project. The unit is very economical to operate and works from a single cylinder of anaerobic mixed gas. The cabinet will incubate 300 Petri dishes and comes complete with catalyst sachets and plate holders.

Plate Access: The interior of the workstation can be accessed in two ways. Single Petri dishes can be admitted through the transfer port situated at the front of the cabinet, whilst a larger lock is provided on the top of the unit which will hold ten dishes.



The positive pressure inside the incubator and the doors at each end of the locks together with fast acting gas inlet switching, ensures that the unit remains anaerobic at all times.



Glove Free Operation: Our unique bare hand method is very simple to operate; air tight sealsfit around the users wrists as shown and the anaerobic atmosphere is maintained. The design eliminates the use of footswitches and gets rid of the large internal port bungs giving much more working room within the incubator. The system is also very economic on gas usage.

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Electrotek Brand of Quality

MUNRO
INSTRUMENTS

Controls: The unit works automatically without the use of footswitches or pushbuttons and the controls are not needed for routine operation.
Admitting Equipment:- Electric shakers and stirrers etc., can be placed inside the incubator through the arm ports prior to commissioning.

Anaerobic Indication: A small pump together with an oxygen-sensitive liquid indicator is provided with the workstation.

Bench Area: The workstation occupies a minimum amount of bench area, is portable and completely self contained.

Visibility: The visibility inside the incubator is excellent. Six of the cabinet's surfaces are transparent and this is further enhanced by a narrow angle, low voltage spotlight. There are no folds in the front viewing window to obstruct clear vision.

Gas Control: The internal gas pressure is controlled electronically and a gas leak detector and alarm are built into the circuitry.

Working Position: Working inside the incubator is very comfortable and all parts can be reached without effort.

Construction: The unit is made using high quality acrylic and the seams are welded to ensure leak-free joints.

Temperature: The temperature is controlled by an adjustable electronic controller which incorporates an integral digital thermometer.

Humidity: The R.H. within the incubator is controlled by a humidistat and fan cooled condensation plate situated at the rear. The condensation is collected in a removable bottle.

Internal Power Socket: A mains socket is provided to facilitate the use of electrical equipment inside the chamber.

Earth Leakage Circuit Breaker: The workstation is fitted with a safety device to protect the operator against electric shock.

The AW300SG can also be used as a microaerophilic incubator by using an alternate gas supply.

Specifications	
Incubation Capacity	300 Petri Dishes
Transfer Port Capacity	10 Petri Dishes
Gas Supply	Mixed Gas 10% H2 + 10% CO2 +80% N2
Electrical Supply	240V.A.C., 50Hz, 300W
Temperature Range	Ambient + 4°C to 42°C
Temperature Stability	±0.5°C @ 37°C
Overall Dimensions	W=30" (762mm), D=27" (686mm), H=24" (610mm)
Net. Weight	50Kg
Gross Weight	135Kg

Complies with ESCHLE and other international standards.
You will find the AW300SG effective, comfortable to work with and safe. It is economical to run, maintain and service..

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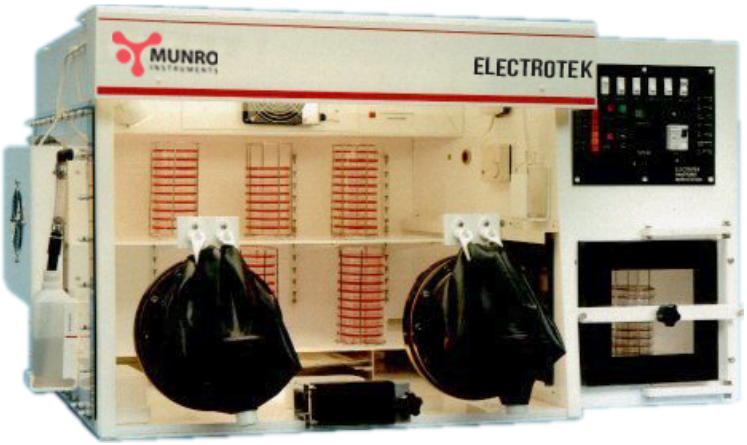
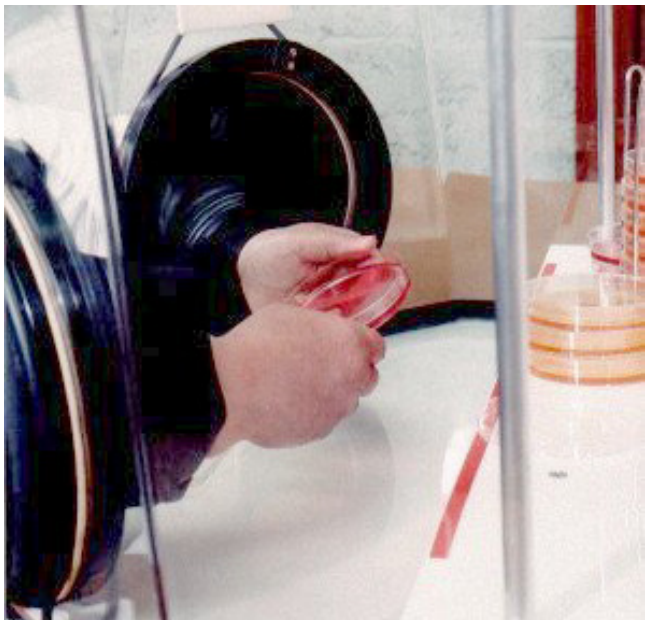
AW400TG, Anaerobic Workstation



This range of workstations is ideal for the laboratory where oxygen free conditions are required for the growth and identification of bacteria. The careful configuration gives the units a small bench area yet ample working room within the incubator. The AW400TG is particularly economic to run due to its dual gas design, comes complete with catalyst sachets and plate holders and requires only electricity and gas supplies to be fully functional.

Glove Free Operation: Our unique bare hand method is very simple to operate; air tight seals fit around the users wrists as shown and the anaerobic atmosphere is maintained. The design eliminates the use of footswitches and gets rid of the large internal port bungs giving much more working room within the incubator. This system is also very economic on gas usage.



A large transfer port is fitted to the units which holds 60 Petri dishes. The outer door is hinged to reduce the overall length and the inner door slides to maximize the incubation capacity. Both doors are fitted with wear compensating seals. The units are also fitted with a single-plate entry system, situated between the arm ports at the front of the incubator. Individual Petri dishes can be passed quickly into the incubator with minimal gas usage.

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Electrotek Brand of Quality

MUNRO INSTRUMENTS

The incubator is supplied with the following items:

- 2 Gauntlets with 'O' rings
- 3 Wrist cuffs with 'O' rings
- 6 Petri dish carriers
- 1 Condensation drain bottle
- 1 Pressure relief water bottle
- 1 O2 indicator pump

Specifications	
Incubation Capacity	400 Petri Dishes
Interlock Capacity	60 Petri Dishes Plus Single Petri Dish Entry System
Dual Gas Supply	1) Mixed Gas 10% H2 + 10% CO2 +80% N2 (Incubation & lock flushing 2) N2 (Lock flushing only)
Electrical Supply	240V.A.C., 50Hz, 500W
Temperature Range	Ambient + 4°C to 42°C
Temperature Stability	±0.5°C @ 37°C
Overall Dimensions	W=1283mm, D=667mm, H=700mm
Net. Weight	87Kg
Gross Weight	225Kg

Complies with ESCHLE and other international standards.
You will find the AW400TG effective, comfortable to work with and safe. It is economical to run, maintain and service.

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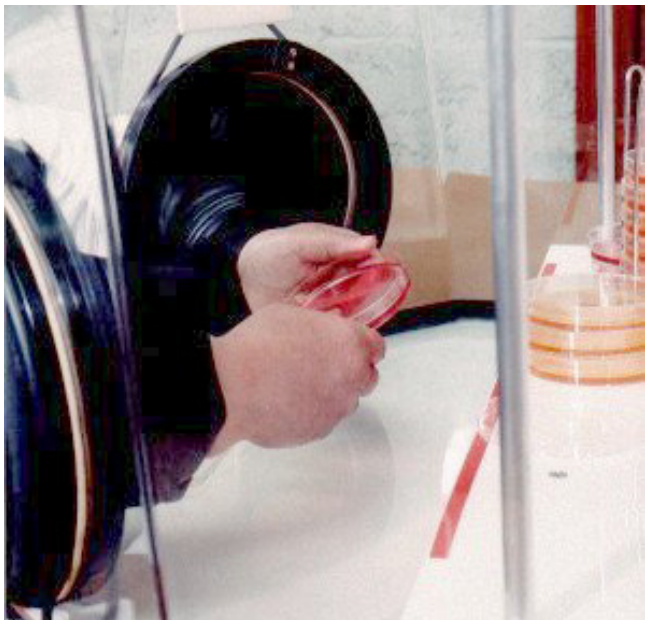
AW500SG, Anaerobic Workstation

This range of workstations is ideal for the laboratory where oxygen free conditions are required for the growth and identification of bacteria. The careful configuration gives the units a small bench area yet ample working room within the incubator. All the models are economic to run and come complete with catalyst sachets and plate holders and require only electricity and gas supplies to be fully functional.

Glove Free Operation: Our unique bare hand method is very simple to operate; air tight seals fit around the users wrists as shown and the anaerobic atmosphere is maintained. The design eliminates the use of footswitches and gets rid of the large internal port bungs giving much more working room within the incubator.
This system is also very economic on gas usage.



A large transfer port is fitted to the units which holds 60 Petri dishes. The outer door is hinged to reduce the overall length and the inner door slides to maximize the incubation capacity. Both doors are fitted with wear compensating seals. The units are also fitted with a single-plate entry system, situated between the arm ports at the front of the incubator. Individual Petri dishes can be passed quickly into the incubator with minimal gas usage.

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Electrotek Brand of Quality

MUNRO
INSTRUMENTS

The incubator is supplied with the following items:

- 2 Gauntlets with 'O' rings
- 3 Wrist cuffs with 'O' rings
- 6 Petri dish carriers
- 1 Condensation drain bottle
- 1 Pressure relief water bottle
- 1 O2 indicator pump

Specifications	
Incubation Capacity	500 Petri Dishes
Interlock Capacity	60 Petri Dishes Plus Single Petri Dish Entry System
Gas Supply	Mixed Gas 10% H2 + 10% CO2 +80% N2
Electrical Supply	240V.A.C., 50Hz, 750W
Temperature Range	Ambient + 4°C to 42°C
Temperature Stability	±0.5°C @ 37°C
Overall Dimensions	W=1473mm, D=667mm, H=700mm
Net. Weight	100Kg
Gross Weight	225Kg

Complies with ESCHLE and other international standards.
You will find the AW500SG effective, comfortable to work with and safe. It is economical to run, maintain and service.

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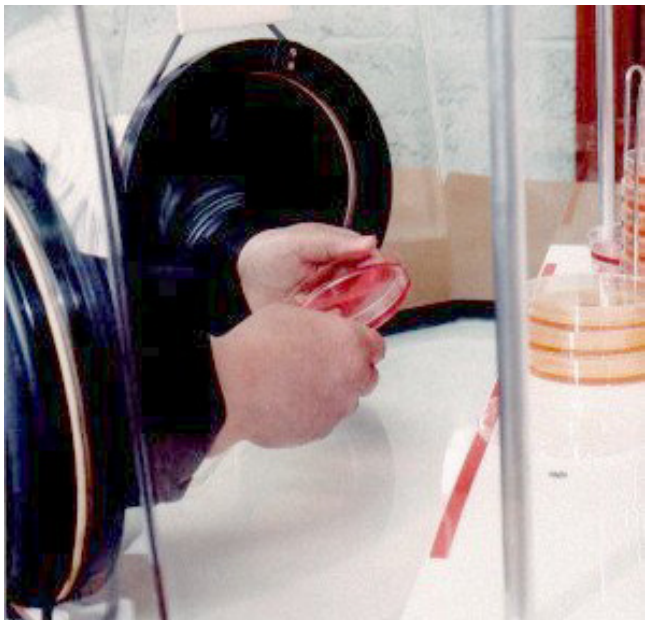
AW500TG, Anaerobic Workstation

This range of workstations is ideal for the laboratory where oxygen free conditions are required for the growth and identification of bacteria. The careful configuration gives the units a small bench area yet ample working room within the incubator. The AW500TG is particularly economic to run due to its dual gas design, comes complete with catalyst sachets and plate holders and requires only electricity and gas supplies to be fully functional.

Glove Free Operation: Our unique bare hand method is very simple to operate; air tight seals fit around the users wrists as shown and the anaerobic atmosphere is maintained. The design eliminates the use of footswitches and gets rid of the large internal port bungs giving much more working room within the incubator.
This system is also very economic on gas usage.



A large transfer port is fitted to the units which holds 60 Petri dishes. The outer door is hinged to reduce the overall length and the inner door slides to maximize the incubation capacity. Both doors are fitted with wear compensating seals. The units are also fitted with a single-plate entry system, situated between the arm ports at the front of the incubator. Individual Petri dishes can be passed quickly into the incubator with minimal gas usage.

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Electrotek Brand of Quality

MUNRO INSTRUMENTS

The incubator is supplied with the following items:

- 2 Gauntlets with 'O' rings
- 3 Wrist cuffs with 'O' rings
- 6 Petri dish carriers
- 1 Condensation drain bottle
- 1 Pressure relief water bottle
- 1 O2 indicator pump

Specifications	
Incubation Capacity	500 Petri Dishes
Interlock Capacity	60 Petri Dishes Plus Single Petri Dish Entry System
Dual Gas Supply	1) Mixed Gas 10% H2 + 10% CO2 +80% N2 (Incubation & lock flushing 2) N2 (Lock flushing only)
Electrical Supply	240V.A.C., 50Hz, 500W
Temperature Range	Ambient + 4°C to 42°C
Temperature Stability	±0.5°C @ 37°C
Overall Dimensions	W=1473mm, D=667mm, H=700mm
Net. Weight	130Kg
Gross Weight	255Kg

Complies with ESCHLE and other international standards.
You will find the AW500TG effective, comfortable to work with and safe. It is economical to run, maintain and service.

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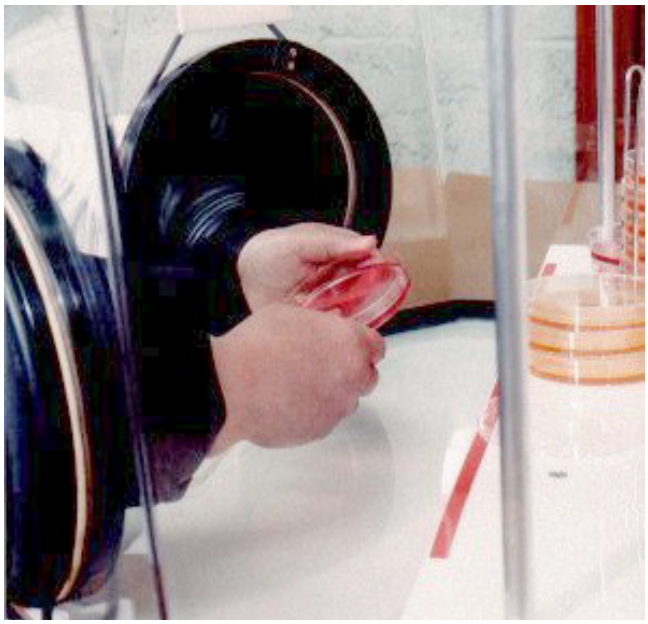
AW800TGRF4P, Anaerobic Workstation

The AW800TGRF4P is the largest workstation in the Electrotek range. One of the main advantages of the unit is that despite its large capacity, it only occupies a modest amount of bench area. The workstation is very economical to run, as two gas supplies are used. The AW800TGRF4P will comfortably incubate up to 800 Petri dishes and comes complete with catalyst and plate holders.

Glove Free Operation: Our unique bare hand method is very simple to operate; air tight seals fit around the users wrists as shown and the anaerobic atmosphere is maintained. The design eliminates the use of footswitches and gets rid of the large internal port bungs giving much more working room within the incubator. This system is also very economic on gas usage.



A large transfer port is fitted to the units which holds 100 Petri dishes. This port is automatically pressure pulse flushed and is fitted with a catalyst. The doors of the port are automatically sealed, locked and programmed to prevent loss of anaerobiosis. We also offer the option of an additional ten-plate entry system, in order that a small number of Petri dishes can be passed quickly into the incubator with a minimal gas usage.

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Electrotek Brand of Quality

MUNRO INSTRUMENTS

Controls: The unit works automatically without the use of footswitches or pushbuttons and the controls are not needed for routine operation.

Admitting Equipment: Electric shakers and stirrers etc., can be placed inside the incubator through the arm ports prior to commissioning.

Anaerobic Indication: A small pump together with an oxygen-sensitive liquid indicator is provided with the workstation.

Bench Area: Careful configuration gives the unit a very large capacity, whilst keeping the bench area to a minimum.

The Control Panel: The control panel indicates the workstation's operating status and audible alarms register gas leaks, low gas pressure and mains failure. The whole system is under the control of a programmable logic controller.

Working Position: Working inside the incubator is very comfortable and all parts can be reached without effort.

Construction: The unit is made using high quality acrylic and the seams are welded to ensure leak-free joints.

Temperature: The temperature is controlled by an adjustable electronic controller and an internal digital thermometer displays the temperature.

Humidity: The R.H. within the incubator is controlled by a humidistat and fan cooled condensation plate situated at the rear. The condensation is collected in a removable bottle.

Shelving: The workstation can also be fitted with sliding shelves as an optional extra.

Visibility: The visibility into the incubator is excellent. There are no folds in the front panel to obstruct clear vision and this is further enchanced by good lighting.

Earth Leakage Circuit Breaker: The workstation is fitted with a safety device to protect the operator against electric shock.

The incubator is supplied with the following items:
- 2 Gauntlets with 'O' rings
- 3 Wrist cuffs with 'O' rings
- 6 Petri dish carriers
- 1 Condensation drain bottle
- 1 Pressure relief water bottle
- 1 O2 indicator pump

Specifications	
Incubation Capacity	800 Petri Dishes
Interlock Capacity	100 Petri Dishes
Dual Gas Supply	1) Mixed Gas 10% H2 + 10% CO2 +80% N2 (Flushing and incubation) 2) N2 (Flushing only)
Electrical Supply	240V.A.C., 50Hz, 500W
Temperature Range	Ambient + 4°C to 42°C
Temperature Stability	±0.5°C @ 37°C
Overall Dimensions	W=2064mm, D=660mm, H=660mm
Net. Weight	232Kg
Gross Weight	420Kg

Complies with ESCHLE and other international standards.
You will find the AW800TGRF4P effective, comfortable to work with & safe. It is economical to run, maintain and service.

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