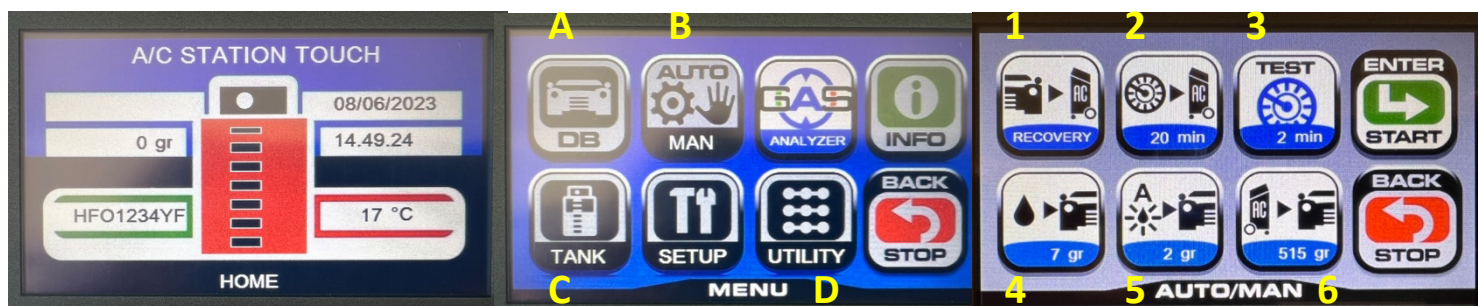


# QUICK GUIDE – ZMC-PRO & DUAL A/C STATIONS

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Please note: to operate correctly the ZMC-PRO must have a minimum refrigerant quantity of 3000g inside internal tank. The ZMC-PRO will display quantity when switched on. Max fill weight 10kg.



## MANUAL OPERATIONS

*(For hybrid vehicles, see HYBRIDS section overleaf prior to use)*

**RECOVERY-** Connect both **HP** & **LP** connectors to vehicle & open both **LP** & **HP** taps on front of unit.  
Select **AUTO/MAN (B)**

Select **RECOVERY (1)**.

Machine will now recover refrigerant from the vehicle.

Select **STOP** at any time to stop the process.

**VACUUM-** Connect both **HP** & **LP** connectors to vehicle & open both **LP** & **HP** taps on front of unit.  
Select **AUTO/MAN (B)**

Select **VACUUM (2)**

Display will show Vacuum Time in mins. *(A minimum of 20 mins are recommended.)*

To set the vacuum time, scroll **DOWN** or **UP** to set time.

Select **SAVE**.

Select **START**.

Select **STOP** at any time to stop the process.

**OIL INJECT-** Connect both **HP** & **LP** connectors to vehicle & open both **LP** & **HP** taps on front of unit.  
Select **AUTO/MAN (B)**  
Select **NEW OIL (4)**  
Display will show the amount of oil to inject in grams.

To set the amount of oil to inject, scroll **DOWN** or **UP** to set amount.

Select **SAVE**.

Select **START**.

Press **STOP** at any time to stop the process.

**DYE INJECT-** Select **AUTO/MAN (B)** Select **UV DYE (5)** and repeat the above steps to set quantity.

**GAS CHARGE-** Connect both **HP** & **LP** connectors to vehicle & open both **LP** & **HP** taps on front of unit.  
Select **AUTO/MAN (B)**

Select **GAS CHARGE (6)**

Display will show the amount of refrigerant to charge in grams.

To set the amount to charge, scroll **DOWN** or **UP** to set amount.

Select **SAVE**.

Select **START**

Select **STOP** at any time to stop the process.

*(Further instructions overleaf)*

## **AUTOMATIC OPERATIONS**

*(For hybrid vehicles, see HYBRIDS section below prior to use)*

Automatic operations are achieved by selecting each function and pre-setting the required values.

**SET VACUUM TIME-** Connect both **HP** & **LP** connectors to vehicle & open both **LP** & **HP** taps on front of unit.

Select **AUTO/MAN (B)**

Select **VACUUM (2)**

Display will show Vacuum Time in mins. *(A minimum of 20 mins are recommended.)*

To set the vacuum time, scroll **DOWN** or **UP** to set time, then select **SAVE** to confirm.

Select **BACK** to return to the previous menu.

## **SET OIL AMOUNT-**

Select **NEW OIL (4)**

Display will show the amount of oil to inject in grams.

To set the amount of oil to inject, scroll **DOWN** or **UP** to set amount. Select **SAVE** to confirm.

Select **BACK** to return to the previous menu.

## **UV DYE-**

Select **UV DYE (5)** select amount and select **SAVE** to confirm. *(If required)*

Select **BACK** to return to the previous menu.

## **SET GAS CHARGE-**

Select **GAS CHARGE (6)**

Display will show the amount of refrigerant to charge in grams.

To set the amount to charge, scroll **DOWN** or **UP** to set amount. Select **SAVE** to confirm.

Select to **START** to start the Auto process.

Select **STOP** at any time to stop the process.

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## **HYBRIDS-**

The ZMC-PRO & DUAL units provide the facility to work with hybrid vehicles. An extra bottle is provided labelled

**HYBRID** for hybrid/electric vehicles.

Prior to use and connecting to a vehicle the internal system must be flushed.

Connect both **LP** & **HP** service couplers to the storage/flush ports.

Open both **LP** & **HP** valves on front of unit.

Select **UTILITY (D)** from the main menu.

Select **INTERNAL WASH**

Select **START**

Disconnect the standard bottle in use and install the **HYBRID** bottle required.

Remember to repeat **INTERNAL WASH** process & remove the **HYBRID** bottle once vehicle service has been completed to avoid cross contamination.

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## **BOTTLE FILLING-**

*(Note: MAX fill weight 10kg)*

Connect **HP** coupler to bottle, open tap on bottle and invert bottle. Open **HP** tap on front of unit.

From the main menu select **TANK (C)**

Display will show the amount of refrigerant to refill in grams.

Scroll **DOWN** or **UP** to select amount to refill and Press **ENTER (A)**

Refill will pause once the amount has been transferred. Close tap on bottle and Press **ENTER (A)**

Remaining refrigerant in hose will be recovered. Once completed, disconnect **HP** hose from bottle.

*For further information please refer to operators manual for full instruction.*