the buttons RESET & TOT together until the LCD display shows 'SAVE' as in FIG 5.

FIG 5.

G. **Please Note:** If no key is pressed for ten seconds during any of the modifications then the 'setting' programme will automatically re set to the last value saved.

3. General Information and precautions

WARNING!
Read the instructions in this manual carefully. Wisdom Systems cannot be held responsible for damage caused by improper use or installation.

PRECAUTIONS!
- Never expose the equipment to jets of water.
- Never use solvents or petroleum spirit for cleaning the outside parts of the equipment.
- Comply with the specified power supply voltage (12 V dc).
- In case of electric arc welding, make sure that the power supply to the flow meter is disconnected; if necessary disconnect the power supply cables.
- Use only original Wisdom Systems parts or accessories.

Field of application
This device is designed for installation on agricultural weed killing and spraying Machines and for industrial applications. The flow meter must absolutely never be used to measure the passage of hydrocarbons, or flammable, explosive or toxic liquids as defined by directive 67/548/EEC of 27/06/1997.

The equipment is designed and constructed in accordance with the following directives and standards:
- Directive 89/336/EEC of 03/05/1989 and subsequent amendments.
- Standard EN ISO 14982 (Electromagnetic compatibility - agricultural and forestry machinery)
- Standard EN 50081-1 (Electromagnetic compatibility - Part 1: Residential, commercial and light industrial environments)
- Standard EN 50081-2 (Electromagnetic compatibility - Part 2: Industrial environments)
- Standard EN 50082-1 (Electromagnetic compatibility - Part 1: Residential, commercial and light industrial environments)
- Standard EN 50082-2 (Electromagnetic compatibility - Part 2: Industrial environments)

NOTE: the functional, technical and performance information provided in this manual is purely guideline and is therefore subject to variation without notice.

PERFORMANCE: This flow-meter is only able to detect the passage of conductive liquids, and specifically of liquids having conductivity of 300 µS/cm. Use the flow-meter only within the flow-rate limits of 2.5 to 25 L/min., correct operation is not guaranteed outside this range.

MAINTENANCE: In order to keep the flow-meter in good condition, run clean water through the line at the end of each transfer operation. At the end of each season or in case of malfunction, clean the flow-meter line with detergent code Nr. 590100.

WARNING: never use metallic or abrasive objects for cleaning the equipment.

FURTHER INFORMATION: All questions regarding operation and performance should be directed to the address below

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Wisdom® Systems

Chemical Transfer and Packaging Technology

This NEW transfer and metering system has been developed especially for BASF **Ecomatic** farmers and uses the latest technology to transfer and measure Agrochemicals from containers direct to the sprayer, **Fast, Clean and Efficient…**

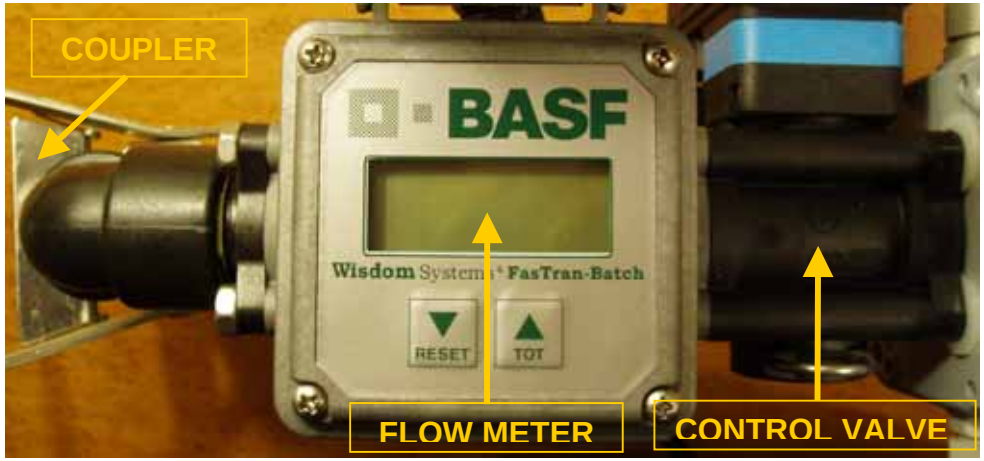
No moving parts in the meter, Easy to Clean and **Automatic Operation** – Set the volume required the transfer is completed and the **FasTran–Batch Meter** turns itself off, **Simple and Practical…**

OPERATING INSTRUCTIONS

The Batch Meter is compatible to all liquids that are electro conductive materials.

Once set the meter will dispense the desired volume of liquid without any further setting or selection of standard units to match the viscosity of the liquid to be transferred. A 12 volt electrical supply is required from the sprayers battery or the built in re chargeable battery (depending on model).

Please follow the procedure to dispense the volume of agrochemical you need and clean the equipment between each chemical and at the end of the filling process as directed.



1. Transferring and Measuring

A. Engage the coupler into the valve on the chemical container.
B. Connect the power supply, switch on the meter and the meter LCD display will illuminate and display the 'tot' image as shown in FIG 1. and then the amount of liquid transferred from the last dispense.

FIG 1.

C. To accept the displayed volume and begin dispense **Press and Hold** the TOT Key until the 'Strt' image appears in the LCD display as FIG 2.

FIG 2.

When the TOT Key is released you will hear the Control Valve motor start and then see the display change to show a set of numbers increasing in size to show the passage of liquid through the meter.

D. When the correct volume is transferred the Meter will automatically close the Control Valve and show 'End' in the LCD display as FIG 3. and the actual volume transferred.

FIG 3.

2. Selecting the Number of Litres to Transfer

To change the volume transferred from the container to the Sprayer

A. **Press and Hold** the RESET Key until the LCD display changes and displays 'FILL' as in FIG 4. and then numbers showing the last litres dispensed.

FIG 4.

B. To INCREASE the number of litres to dispense press the TOT Key (Arrow UP)
C. To DECREASE the number of litres to dispense press the RESET Key (Arrow DOWN)
D. If the UP or DOWN buttons are held down the speed of changing the numbers increases.
E. To change the number values slowly press and release the buttons.
F. When the number of litres to be dispensed is displayed the value needs to be confirmed and Saved by pressing both of