



How to Use your Electronic Magflow Meter

To obtain a reading on the screen – **PRESS the TICK Button**. This will bring the screen on line and it will go through START UP *then* CALIBRATION. After about 20 seconds the first of eight screens appear. Use the **UP** or **DOWN** arrows to move between screens.

Screen 1

- The top line displays the **actual flow going through the meter at that time in L/sec** (litres per second).
- The bottom line displays the **Tot: in ML** (total in megalitres) **used since the meter was installed**. This is the combined total of Peak + Off Peak water used.

PRESS the **UP ARROW** to go to SCREEN 2

Screen 2

- The top line displays the **ML/day** (megalitres per day) **you would use in 24 hours at the actual flow shown on Screen 1**. This is not used by CIT.
- The bottom line displays the total **Pk (Peak) water used in ML** (megalitres) since the meter was installed.
- (*Peak times are between 0700hrs & 2100 hrs Central Daylight Savings time from Monday to Friday inclusive*)

PRESS the **UP ARROW** to go to SCREEN 3

Screen 3

- The top line displays the **speed of the water** through the meter in **m/sec** (metres per second). This is a diagnostic value for maintenance use.
- The bottom line displays the total **O/Pk (Off Peak) water used in ML** (megalitres) since the meter was installed.

PRESS the **UP ARROW** to go to SCREEN 4

Screen 4

- This screen displays battery data and solar panel voltage for CIT maintenance staff.

PRESS the **UP ARROW** to go to SCREEN 5

Screen 5

- This screen was developed from grower requests to allow you to measure your water use over a timed period. *USE IT LIKE THE TRIP METER IN YOUR CAR*. To **Start, Stop & Reset** press the **TICK** button

PRESS the **UP ARROW** to go to SCREEN 6

Screen 6

- The top line displays **YTD** (year to date) the **total of Peak + Off Peak** water used in **ML** (megalitres) **since the start of this financial year** (or since the meter was changed for maintenance during the year).
- The bottom line displays **01/07 ->** (1st July 20XX) the **total of Peak + Off Peak** water used in **ML** (megalitres) **to the start of this financial year** since your meter was installed. *This figure is held until the start of the next financial year.*

Screen 7

- Same as for Screen 6 but showing **Off Peak**

Screen 8

- Same as for Screen 6 but showing **Peak**

Display Screens on CIT MagFlow Irrigation Meters

Screen 1



1st - Current Flow in Litres per sec.
2nd - Meter Total Use since installed.

Screen 5



Trip Meter activated by (tick)

Screen 2



1st - Daily Use in ML.
2nd - Meter Peak Total Use since installed

Screen 6



1st - YTD Total Use for this season
2nd - 01/07 Total Use for last season

Screen 3



1st - Current Flow Rate in metres per sec.
2nd - Meter Off Peak Total Use since installed

Screen 7



1st - YTD Off Peak Total Use for this season
2nd - 01/07 Off Peak Total Use for last year

Screen 4



Maintenance Data for CIT

Screen 8



1st - YTD Peak Total Use for this season
2nd - 01/07 Peak Total Use for last year

Please be aware that if a new meter is installed during an irrigation year, the figures shown in screens 6, 7 and 8 will not reflect the whole water usage for that year.