



**MICROLITE PLUS**

Part Numbers:

**18-0070:**

24pt Version

**03-0090:**

Mounting Bracket

# MicroLitePlus

## Feeder Control



### Small Wonder...Big NEW Heart

**That's what you get with the MicroLite Plus Memory Feeder Control - a heart big enough to look after the feed requirements of nearly 1000 cows - and that includes health warning flags - and the option to integrate with the ATL Cowculator Feed to Yield PC software.**

Simple and Easy to Use Memory Feeder Control

4 Warning Flags

Links to ATL Cowculator Feed-to-Yield Software

Herringbone or Abreast Parlours

Individual and Global Feeder Calibration

Battery Memory Backup

Built-in Standby Feeding



ATL AGRICULTURAL TECHNOLOGY LIMITED  
PLACE FARM KIRTLING NEWMARKET  
SUFFOLK CB8 9PA  
TELEPHONE: (01638) 731212  
FAX: (01638) 731174  
E-MAIL: info@atlagri.com  
WEBSITE: www.atlagri.com


**MICROLITE  
PLUS**

## Power at your fingertips...

Despite its amazing computing power, it is the simplicity in everyday use that makes the MicroLitePlus such a timesaving boon. It really is 'farmer friendly'. As the cows pass on their way to the milking points, just key in the cow number- freeze brand or ear tag-and press 'FEED'. The MicroLitePlus takes care of the rest. The correct ration is delivered to the next available stall on the current parlour side and when that side is full the opposite side is automatically selected and the stall count reset to '1'.

Although the MicroLitePlus is very compact, it embodies the advanced technology and labour saving features usually found on machines costing a good deal more.

The MicroLitePlus with its digital feeder control will handle just about any make of feeder- timed electric or vacuum and is at home in any parlour layout. With Keyboard Calibration, feeders are quickly and easily set up and the Feed Time key means you can adjust rations to different cake densities without even looking at a spanner! It's all done electronically.

There is automatic overload detection as well with an audio visual stall warning based upon a solid state excess current dropout for every feeder- no more fuses to change, just clear the fault and reset from the keyboard.

Parlour side and stall selection are automatic but the Side and Step features provide total manual control as well. Use the MicroLitePlus in sequential feeding mode or, if you prefer switch to stored mode so that the entire side can be filled before feeding takes place. The right cow still gets the right ration but the feeding process is delayed until you give the go ahead.

Batch feeding is also fast and elegant. Simply select Batch mode, key in the ration value and press FEED. All or selected cows on the current parlour side will be given the keyed ration automatically.

There are four animal health warning flags which may be set or cleared at will, each having its own dedicated warning light on the display. If the MicroLitePlus detects a flag set against a cow, it will not normally feed it until

confirmation is given that it's OK to do so. Cows with a warning set just cannot be missed.

Totals reporting is another powerful feature of the MicroLitePlus; running totals are kept for number of cows fed during the last milking, the amount of feed consumed today- both for individual cows and the herd- and the amount consumed to date. It is also possible to check the cows that have not been fed.

Even stand-by feeding- a facility that's unlikely to be needed much- is designed to be so easy to use. Select either individual or a block of stalls then just press the Stand-by 'Feed' switch to the required parlour side.



*Even the more mundane features are designed with simplicity in mind. The hardly-ever-likely-to-be-needed standby controls (above) are right to hand if the main key board does 'go down'. Just turn a switch to select a stall or batch then press a button to emergency feed. Easy!*


**ATL Cowculator**

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## MicroLite Plus Features Checklist

<i>Feature</i>	<i>MicroLite Plus</i>
Herd Size:	999
Feeding Parlour Size (Up to maximum)* <sup>1</sup> :	38pt
Standard Feeder Switching Voltage:	+/-12-24VDC
12-230VAC Feeder Switching Voltage* <sup>2</sup> :	Optional Extra
Cow Number Length:	3-Digit (Numeric Only)
Herringbone/Abreast Parlour Options:	✓
Electric or Vacuum Feeder Options:	✓
Pulsed or Timed Feeder Options:	✓
Out-of-Parlour Feeding System Compatible* <sup>3</sup> :	✓
Cowculator for DOS:	Optional Extra
Cowculator for Windows (from Jan 05):	Optional Extra
PC Link:	Optional Extra
Access Secured by Code:	✓
Standby Feeding: Ration and Batch:	✓
Battery Memory Backup:	✓
Automatic Energy Saving Stand-By Facility:	✓
Feeding: Programmable Individual Rations:	✓
Increase and Decrease Herd Rations:	✓
Global Feeder Density Calibration:	✓
Individual Feeder Calibration:	✓
Electronic Fuse Detection with Power	
Supply Failure Warning:	✓
Sequential or Stored Feeding Modes:	✓
Individual or Batch Feeding:	✓
Batch Feed Total:	✓
Total Feed for each Cow:	✓
Total Feed Daily for Herd:	✓
Total Feed to Date for Herd:	✓
Number of Cows Fed:	✓
Display Cows Not Fed:	✓
Cow Already Fed Warning:	✓
Warning Flags:	AI/Vet/Mastitis/Dry
Audible Warnings:	✓

### Please Note:

\*<sup>1</sup> MicroLite Plus is available with 24pts as standard; to go to 38pt a Feeder Relay Extender Box (11-0190) is required.

\*<sup>2</sup> MicroLite Plus control uses Feeder Interface (see Feeder Interface leaflet) to switch non-standard (i.e. 12-230VAC) feeder voltages.

\*<sup>3</sup> MicroLite Plus control is compatible with Out-Of-Parlour Feeding System through the PC software Cowculator for DOS or Cowculator for Windows.