



**MICRO
MARQUE
3S**

MicroMarque3S Feeder Control



Latest in a benchmark-setting line of innovative parlour controls.

Simple and Easy to Use Memory Feeder Control with Wide Range of Optional Extras

Feeding and Non-Feeding Versions

Stand-Alone or Fully Integrated into ATL Auto-ID, Pegasus and/or Milk Meter Systems

Accepts 4-Digit Cow Numbers

7 Warning Flags - Pegasus Sort Gate System Uses These For Segregation

Links to ATL Cowculator Feed-to-Yield Software

Links to UNIFORM Full Farm Management Package

Part Numbers:

19-0180: Feeder Control

19-0185: Parlour Control

19-0190: Mounting Bracket



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Everything about the MicroMarque3S is just right: It even looks distinguished with its gold and white livery.



Large, ultra-bright display characters are easy to read, even in a gloomy parlour. There are dedicated indicators to show when the machine is being programmed, if a cow has warning flags set against it, if it has been fed previously during this milking and which side of the parlour is currently being addressed.

A durable, flexible membrane covers the tactile keys that have been specially chosen for their longevity and reassuring 'click' action. There is no doubt that a key has been pressed- the positive, no-nonsense 'feedback' is immediate. The casing is manufactured from ABS and polycarbonate to the demanding IP65 specification which together with the moulded-in seal means the MicroMarque3S can withstand the gruelling parlour environment and may be hand washed over and over again, yet still retain its legendary reliability and good looks.

The powerful, fastest yet microprocessors- there are four of them- provide rapid access to nearly 1000 cow records. With only a few keystrokes, data is available covering feed consumption and milk yield for last and cumulative milkings, a host of warning flags and even a check to prevent the cow being fed again accidentally.

Herd information is also stored and just as easily available. The daily and cumulative figures for both feed and milk yield as well as total feed delivered in batch mode are all accessible at the touch of a button.

Using the MicroMarque3S couldn't be simpler. Situated at the entry end of the parlour, all that's needed is the cow number- freeze brand or tag- to be keyed

in. Immediately, the cow's data is available, including her current ration allocation.

Then, just press the Feed key and it is done. The Micro will deliver the right amount of cake to the appropriate stall, update the cow and herd records and increment the stall number ready for the next entry.

When all of the stalls are occupied, the parlour side is changed automatically.

As well as traditional sequential feeding, the MicroMarque3S can be used in stored mode- the cows are only fed when the side is fully occupied- or batch mode in which all the animals are fed the same ration automatically regardless of their record.

Learning to program and use the Micro is really easy. You can be up and running, saving valuable time in the parlour and getting the very best return from your concentrates in just a few hours. And when it comes to expanding the herd, extending the parlour or streamlining the business, the MicroMarque3S will prove to be undemanding and universal. Hook it up to milk meters and *automatically* record yields against each cow; install ATL DABS antennas and interface to switch to Auto-ID- no more cow number keying- or link to a personal computer to integrate the parlour information into most popular farm management programs. Do all three. The Micro takes it all, no problem.

Prove it for yourself.

The MicroMarque3S is a joy to own...

And a pleasure to use.



Part Number: 09-0644

Great care is taken in designing even the least used detail such as the remarkably comprehensive feeding standby system (Above). Two standby feeding modes are instantly available- Ration mode delivers a fixed portion of cake and Manual mode delivers cake as long as the side switch is held over. Both can deliver to a single selected stall or blocks of

stalls. The feeders can also be disabled with the Mode Selector switch to prevent accidental feeding. ATL's powerful meridian data bus enables connection of either the Extra Parlour Control Unit (above right) to the MicroMarque3S, thus providing access to cow number, milk yields and warning flags for each stall.



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MicroMarque3S Features Checklist

Feature	MicroMarque3S
Herd Size:	999
Feeding Parlour Size (Up to maximum)* ¹ :	96pt
Standard Feeder Switching Voltage:	+/-12-24VDC
12-230VAC Feeder Switching Voltage* ² :	Optional Extra
Cow Number Length:	4-Digit (Numeric Only)
Herringbone/Trigon/Abreast/Rotary Parlour Options:	✓
Electric or Vacuum Feeder Options:	✓
Pulsed or Timed Feeder Options:	✓
Micro Milk Meter System Compatible:	✓
Auto-ID System Compatible:	✓
Pegasus Sort Gate Compatible:	✓
Out-of-Parlour Feeding System Compatible* ³ :	✓
Remote Office Console:	Optional Extra
Extra Parlour Controls:	Optional Extra
Oriel Stall Display Unit:	Optional Extra
Oriel Manus Milk Meter Interface* ⁴ :	Optional Extra
Cowculator for DOS:	Optional Extra
Cowculator for Windows:	Optional Extra
UNIFORM Farm Management Software:	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: 2 or 3 Feedings Per Day:	✓
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/Test/Bulling/Slow

Mastitis-to-Test Countdown ✓

Set Days Due Before AI: ✓

Display Cows with Warnings: ✓

Audible Warnings: ✓

Competitor Milk Meter Recording: Manual ✓

Current Day Yield for each Cow: ✓

Previous Day Yield for each Cow: ✓

To Date Yield for each Cow: ✓

Cumulative Yield for each Cow: ✓

Current Day Yield for Herd: ✓

Display Cows With Percentage Yield Variation: ✓

Average Yield for Herd: Optional Extra

Competitor Milk Meter Recording: Automatic*⁵: Optional Extra

Please Note:

*¹MicroMarque3S is available in a 24pt size as standard. To go to 96pt Feeder Relay Extender Boxes (11-0190) are required.

*²MicroMarque3S control uses Feeder Interface (see Feeder Interface leaflet) to switch non-standard (i.e. 12-230VAC) feeder voltages.

*³MicroMarque3S control is compatible with Out-Of-Parlour Feeding System through the PC software Cowculator for DOS or Cowculator for Windows.

*⁴Oriel Manus Milk Meter Interface can be used to replace/complement Manus milk meter display unit to provide milk yields at the individual stall, the Micro-Marque3S and the Cowculator/UNIFORM PC software packages.

*⁵MicroMarque3S control uses Milk Meter Interface to automatically provide milk yield information from competitors milk meters (up to maximum 64pt) and has all of the features listed in the section titled - Competitor Milk Meter Recording: Manual.