



ATL Agricultural Technology Ltd

Units 1 & 2, Acorn Business Centre,
Oaks Drive, Newmarket, Suffolk, CB8
7SY, United Kingdom

T: 0044 (0)1638 731212

F: 0044 (0)1638 731174

E: info@atlagri.com

W: www.atlagri.com

Innovation in and out of parlour



Cluster Remover Controls



ATL has developed a range of cluster removers to suit different sizes and types of milking parlours.

They allow the operator to reduce milking times and improve teat health by automating the removal of the milking cluster from the animals.

They are simple, easy to use, durable and reliable. The large, bright LCD display is clear and easy to read under most artificial lighting conditions. The control enclosures are IP65 rated and the controls are designed to withstand the harsh parlour environment.

Suitable for cows, goats and sheep.



Innovation in and out of parlour

CR10 Cluster Remover



CR20 Features

- Simple numeric display of milking time (minutes:seconds)
- 3 keys - automatic milking, manual milking and wash
- Simple, bright LCD display
- 2 automatic milking modes - 1 time-based cluster removal and 1 sensor-based cluster removal
- Time-based cluster removal does not require a sensor
- Accurate milk flow measurement for ACR timing
- User programmable wash time
- Wash time elapsed and remaining displayed (minutes:seconds)
- User selectable ACR pull off resistance and time
- Automatic idle after user selectable period of inactivity
- Milk sweep / purge
- Small form factor, allowing for easy installation into existing parlours
- Suitable for all herd sizes (small or large)
- Suitable for abreast, herringbone or rotary parlours



Sensor Features

- Free-flowing sensor incorporating shut-off valve
- The tangential entry and the wide discharge tube allow smooth passage and evacuation of high milk flows
- The sensor shape reduces vacuum fluctuations
- The diaphragm shape is designed to prevent accidental closure and allow rapid response, facilitating instant detachment of the milking unit
- Swirl effect on inside surfaces of sensor induces effective washing
- The vacuum nipple can be positioned in any direction
- Milk inlet and outlet nipples - 21mm x 16mm
- Same sensor used on all CR controls





Innovation in and out of parlour

CR20 Cluster Remover



CR20 Features

- Simple numeric display of milking time (minutes:seconds) and conductivity (mS - millisiemens)
- 4 keys - automatic milking, manual milking, wash and conductivity on/off
- Simple, bright LCD display
- 5 LED windows for auto milking, pulsation, ACR, milk flow and conductivity milking
- 2 automatic milking modes - 1 time-based cluster removal and 1 sensor-based cluster removal
- 3 manual milking modes (ACR disabled, conductivity pull off disabled, ACR and conductivity disabled)
- Time-based cluster removal does not require a sensor
- Accurate milk flow measurement for ACR timing
- Full pulsation control - 30 to 180 pulses per minute (ppm) and 35% to 75% ratios
- Pulsation stop - pulsator only on when milking or washing
- Stimulation pulsation
- Washing pulsation - runs pulsation frequency at lower rate during washing to reduce liner wear



- User programmable wash time
- Wash time elapsed and remaining displayed (minutes:seconds)
- User selectable conductivity warning and pull off levels
- User selectable ACR pull off resistance and time
- Lift to start ACR cylinder input
- Automatic idle after user selectable period of inactivity
- Milk sweep / purge
- Small form factor, allowing for easy installation into existing parlours
- Suitable for all herd sizes (small or large)
- Can be retrofitted into abreast, herringbone, parallel or rotary parlours





Innovation in and out of parlour

CR25 Cluster Remover



CR25 Features

- Simple numeric display of milking time (minutes:seconds) and conductivity (mS - millisiemens)
- 6 keys - automatic milking, manual milking, wash, conductivity on/off, transfer milk and hold milk
- Simple, bright LCD display
- 7 LED windows for auto milking, pulsation, ACR, milk flow, conductivity milking, data and dump line
- 2 automatic milking modes - 1 time-based cluster removal and 1 sensor-based cluster removal
- 3 manual milking modes (ACR disabled, conductivity pull off disabled, ACR and conductivity disabled)
- Time-based cluster removal does not require a sensor
- Accurate milk flow measurement for ACR timing
- Full pulsation control - 30 to 180 pulses per minute (ppm) and 35% to 75% ratios
- Pulsation stop - pulsator only on when milking or washing
- Stimulation pulsation
- Washing pulsation - runs pulsation frequency at lower rate during washing to reduce liner wear

- User programmable wash time
- Wash time elapsed and remaining displayed (minutes:seconds)
- User selectable conductivity warning and pull off levels
- High conductivity automatically switches on hold milk so operator can dump milk if required
- User selectable ACR pull off resistance and time
- Lift to start ACR cylinder input
- Meridian 2 communications bus - enables all CR25 controls to be put into milk or wash from 1 control
- Includes outputs to control jar valves
- Automatic idle after user selectable period of inactivity
- Milk sweep / purge
- Small form factor, allowing for easy installation into existing parlours
- Suitable for all herd sizes (small or large)
- Can be retrofitted into abreast, herringbone or rotary parlours

