



PARLOUR SERVER AUTOMATION

Dairy
Spares

Dramatically reduce costs and increase milk yield



Pulsation
(9250)

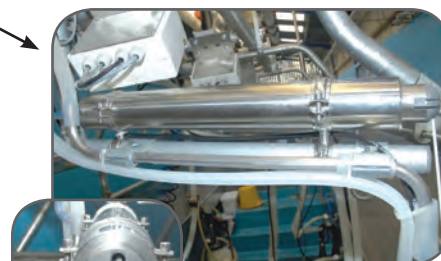
Milk Yield Indicator
(5060)



Feeding



METER MANAGER
(9700)



ACR
(5019MK)



(4162)



Separation Gate



Parlour Server
Greenoak
Process Management Software



Alarm
(2017)



Auto ID
Unique walkover leg band



(8517)

**Parlour Server links all the parlour together:
Feeders, ACR, Pulsation, Milk Yield Indicator,
Auto ID, Alarm and Separation Gate.**

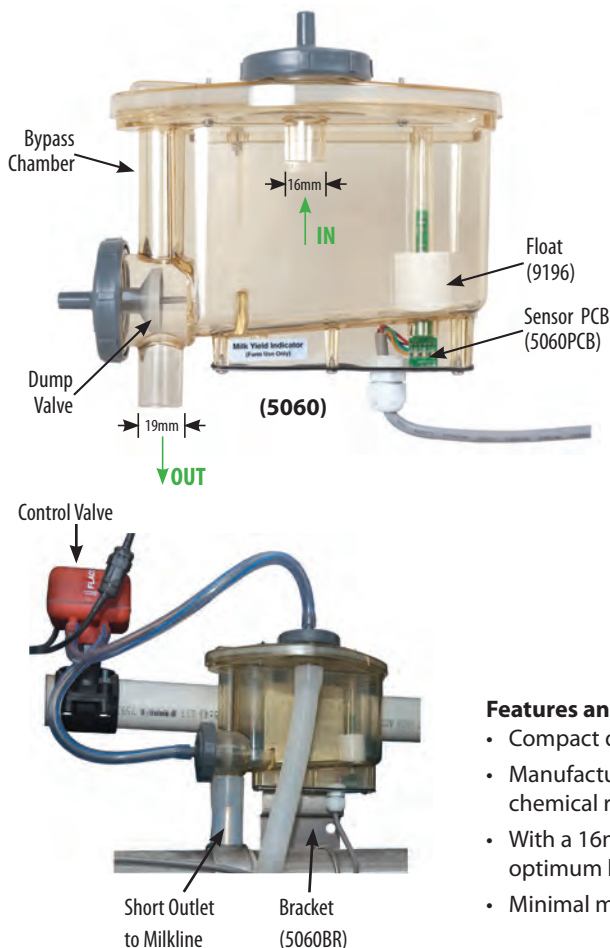
ASK YOUR LOCAL SUPPLIER OR FOR DETAILS OF WHERE TO PURCHASE CALL

Dairy
Spares

Tel No.: 01948 667676
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The Greenoak Milk Yield Indicator, when linked to the Meter Manager, gives an accurate volumetric measurement of yield for each cow in the dairy herd.



How does it work?

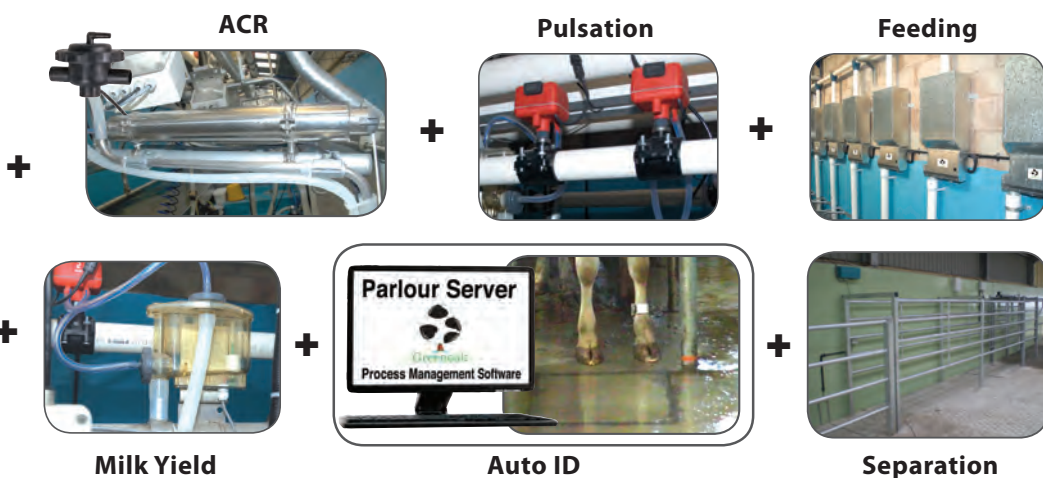
- It is fitted in the line between the milking cluster and the milk line for each milking point.
- As milk flow commences the float rises which is sensed by the float PCB and is displayed on LED's at its base. This information is communicated to the Meter Manager (9700).
- When the float reaches the top sensor, the Meter Manager activates the dump valve releasing the milk and the chamber is emptied. As the float returns to the lower sensor point the dump valve is closed.
- As the milk flow rate varies throughout the milking cycle the filling and emptying cycle of the main chamber varies in rate.
- A delay period allows for possible erratic flow rates during the initial let down period, while at peak flow the chamber may be emptying every 2-3 seconds.
- At peak flow milk may both enter and exit the chamber during the dump cycle, the Meter Manager allows for these faster flow rates when calculating the displayed yield.
- There is optimum vacuum stability throughout the milking and a bypass for milk froth. The full internal coverage during the wash cycle makes it easy to clean.

Features and benefits

- Compact design with mounting bracket for ease of installation on all parlour types.
- Manufactured from robust polysulphone, temperature tolerant and excellent chemical resistance.
- With a 16mm inlet and 19mm outlet, silicone gaskets and diaphragms providing optimum hygiene.
- Minimal moving parts for low service costs.

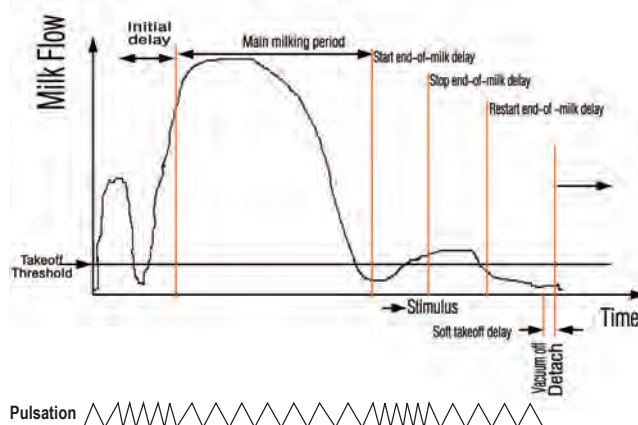
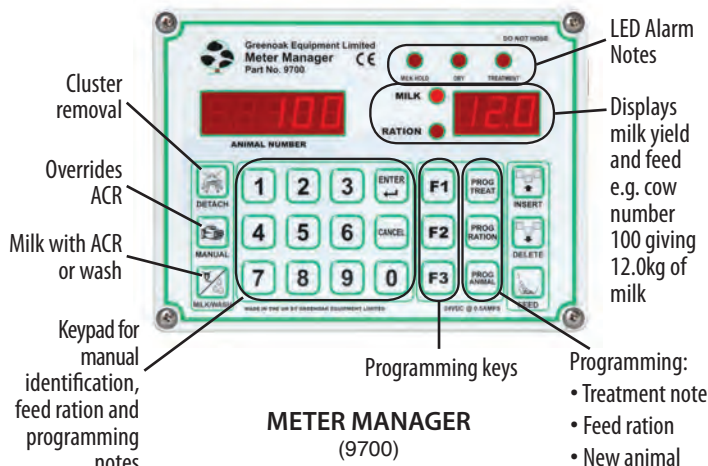
Please note: The Greenoak Milk Yield Indicator is not ICAR approved.

Complete Flexibility



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Meter Manager controlling the ACR and pulsation



The Meter Manager is the communication centre of the dairy parlour between the operator and their animals. It can control the milk yield indicator, feeding, pulsation, ACR, attention notes, separation and allows for expansion with auto ID.

How does it work?

The Meter Manager allows for individual milking characteristics of each cow.

- Adjustable milk let down delay.
- Soft start and milk sweep take off facility.
- Suitable for rear or side leg milking.
- The accuracy of the yield will be within 5% of the bulk milk tank.
- Remote start available.
- LED attention indicators, which can be set in the parlour, need to be pressed twice to acknowledge the note:
 1. Hold milk
 2. Dry cow
 3. Treatment (audible alarm)
 4. Separation when linked to Parlour Server and/or Auto ID
 5. Bulling
- Feed enticement available.
- Suitable for all types of parlour and feeding equipment.
- Programmed via the keypad.
- Can be linked to a resistive sensor (4162) so that the equipment can be sold and upgraded as follows:

ACR

ACR + pulsation

ACR + pulsation + feeding (via a feeder control)

Expand to Milk Yield Indicator and the Parlour Server

Expand further with Auto ID

Expand again with a Separation Gate



Side attention LED



Bracket (9700BR)



Meter Manager

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MILKING SYSTEMS

Parlour Server

Dairy
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The Parlour Server links:

- **Feeders • ACR • Pulsation • Milk Yield Indicator • Auto ID • Separation • Alarms**
- Collects individual milk recordings provided by Milk Yield Indicator which can be sent to milk recording companies (CIS/NMR) for unofficial milk readings.
- Alerts the milker in the parlour of cows conditions that require attention, e.g. hold milk, drying off, treatment, bulling and separation. The treatment flag is alarmed. All attention notes can be set in the parlour.
- Calculates ration based on animal performance and distributes feed via in parlour feeders, so **feed to yield**.
- Allows for good communication between staff.
- Time saving.
- Reduction in cow stress.

Accurately Measuring Milk Yield

Accurately measuring the milk yield of each cow gives key data which aids in the efficient performance of the dairy herd. There are many benefits:

- Feeding to yield is very economical, especially with current high feed costs.
- Allows for the highest yielding cows to be selected for replacements in the herd.
- If a cows daily yield deviates you can react quickly to solve possible health issues.
- When linked to the Greenoak Meter Manager (9700), it functions as both a milk yield indicator and a flow sensor, informing the cluster remover precisely when the clusters need removing.
- Can be linked to the Greenoak Auto ID allowing performance to be monitored immediately.

Farmer Testimonial

Mr Nigel Clarke, Wincham Holsteins, Bank farm, Wincham, Cheshire



Mr Clarke has been a loyal Greenoak equipment customer since having his first Greenoak parlour, a 8/16 jar parlour in 1999 with automatic feeders. About 5 years later this was updated with the Auto ID neck straps and the parlour server. Airwash was added in 2009.

In 2011 the decision was made to move to a new site and install a Greenoak parlour. Some of the old equipment was brought across. The new parlour has been updated with the latest Greenoak parlour server, feeders, ACR, pulsation, separation gate, Auto ID (with leg bands), alarms, plant washer, clusters and trays.

Previously, Mr Clarke was taking 3 hours to milk about 160 cows. He is moving to block calving from July to November and milks about 200 cows in 2¼ hours, including washing.

Mr Clarke is pleased with all the parlour but singled out the Auto ID with the new leg strap and revised parlour server programme which is updated daily from the comfort of the office as the key to aid his milking routine. Milk recording information is sent directly to CIS. Now it is almost impossible to "get it wrong" as the alarms sound and so relief milkers are employed with confidence, a big weight off his mind. Nigel's system utilises feed to yield to optimise production costs.

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