

> Weighall Milk Meter

Approved by the International Committee for Animal Recording (ICAR) and the Dairy Herd Improvement Association (DHIA) for unparalleled accuracy and proportional milk sampling, the Dairymaster Weighall Milk Meter can operate stand-alone or integrate into the Dairymaster Milk Manager system.

The Weighall milk meter is unique because it weighs every drop of milk as it passes through from the cow to the milk line. The meters modular design allows it to operate as a standalone electronic milk meter or can be fully integrated into a completely automated system. In automated systems it may be integrated with AutoID, where the animal identification is updated on the display when a new cow enters the parlour. It also functions as a terminal for messages from the Milk Manager software on the PC. If using VoiceAssist the Dairymaster parlour sound messaging system an audio message is played as each cow enters the parlour and when the swing over arm is activated the audio message is repeated prior to cluster attachment. Control over automatic cluster removal and milk diversion lines is also achieved using the Weighall milk meter. Integrated Autodrafting can also be flagged from the milk meter terminal. Over 100 different data items may be recalled to the milk meter display from the PC by the operator during milking.

The Dairymaster Weighall milk meter has a unique sampling system - unlike other milk meters, there is no need for large attachments for milk sampling as the milk sampler is fully integrated into the meter.

The washing cycle of the milk meter has also been optimised. One instruction to any meter terminal will activate the wash cycle in all milk meters.

Our milk meters are used extensively in research centres. The Weighall milk meter records the following:

- * Milk yield (kg).
- * Milking duration (sec).
- * Time (sec) to a predefined yield (typically 1 kg to measure letdown).
- * Peak flow rates (kg/min).
- * Average flow rates (kg/min).
- * Milking unit (facilitates automatic meter accuracy checking).
- * Cluster attachment time (h:m:s).
- * Overmilking time (sec) - if ACRs are not used or disabled.
- * Milk flow rate at stop (kg/min) - indicates if a cluster was removed prematurely.
- * Stop method (automatic or manual removal).

Water usage during washing is minimised by alternating cycles between meters. The meter is suitable for all types of milking installation.

Because the milk meter has the latest technology this means the software can be updated remotely over the internet which means the system may be upgraded to support new features in the future.