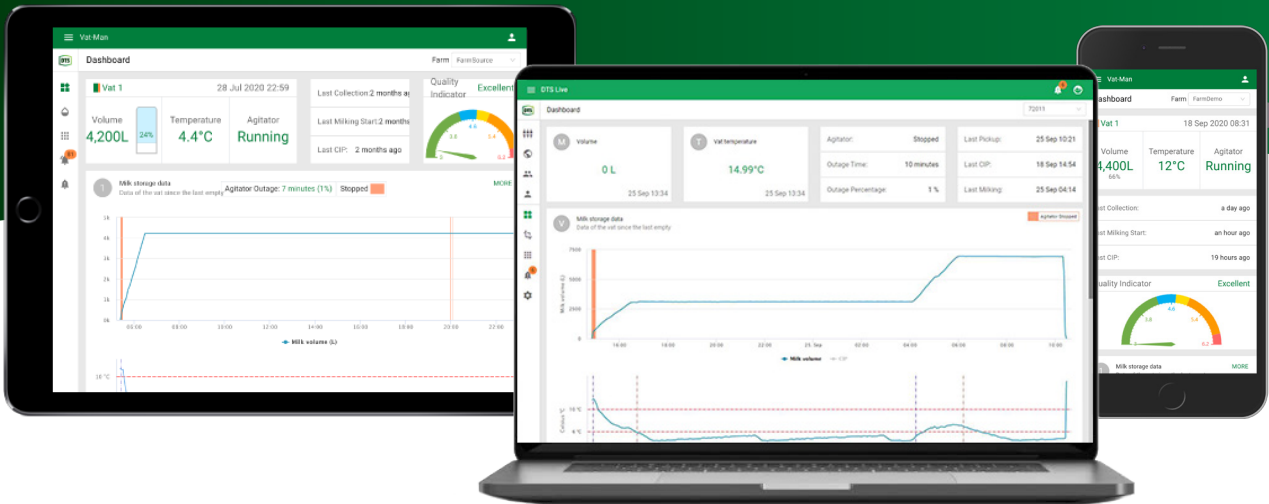




# VAT-MAN

## MILK VAT MONITORING SYSTEM

Managing vat and cooling systems just got a whole lot easier with the DTS Vat-Man Milk Vat Monitoring System.



DTS Vat-Man ensures compliance of milk temperature as well as vat volume and agitator operation. The easy-to-read Vat-Man dashboard is available to 3 users via a mobile device or PC, providing a simple yet comprehensive view of your milk volume and cooling data. Vat-Man gives you total control of your alert thresholds and settings, so you can choose when and how to be alerted.

## VAT-MAN BENEFITS

- Incorporate Vat-Man with any current vat and cooling system.
- Share critical vat data with farm staff or external consultants.
- Record of milk temperature and other vat data.
- Proactive servicing alerts on essential equipment.
- Reduce the risk of catastrophic failures that could lead to the vat of milk being dumped.
- Upgrade to Vat-Man Pro or Vat-Man Auto at any time.

## USER INTERFACES

- Use Vat-Man in the milking pit, in the office or off the farm.
- The Vat-Man online dashboard is customisable to your farm.
- Customisable Vat-Man alerts allow you to react quickly and minimise potential losses.
- The in-shed display lets you see what's happening at a glance. Get all your crucial milk vat data displayed in real time in the shed.

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## VAT-MAN LITE

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Our entry-level option provides monitoring and reporting on:

- Milk vat volume measurement - accurately know how much milk is in your vat.
- Milk Temperature – track and record inlet and milk vat temperature.
- Customisable alerts for milk temperature, volume and agitator status.

- Clean-in-place wash temperature.
- Secure login to Vat-Man dashboards from smartphones, tablets or PCs.
- Up to 3 users per farm.
- 60 text alerts and unlimited e-mail alerts.

## VAT-MAN PRO

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Vat-Man Pro is ideal for multi-farm owners or managers who need a centralised dashboard to view farm activity. Get alerts for late milkings, abnormal milking durations, late tanker pickups, and CIP wash status.

### Agitator Health

The agitator is a vital part of milk health. Fluctuations in motor temperature and vibration could mean the agitator is not performing optimally and may be about to fail. Vat-Man Pro monitors agitator motor temperature and vibration, sending an alert when these exceed normal parameters.

### Features include:

All Vat-Man Lite features PLUS:

- Extra reporting and extra customisable alerts.
- Multi-farm dashboard view.
- Unlimited users per farm.
- 120 text alerts per month and unlimited e-mail alerts.
- Temperature data for water inlet and water outlet.
- Milk inlet temperature data.

## VAT-MAN AUTO

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### Auto Refrigeration & Agitator Off/On

Vat-Man Auto provides even more peace of mind reducing the impact of human error, offering all the features of the Vat-Man Pro plus the added functionality of Auto Refrigeration & Agitator Off/On.

This function will automatically turn on the vat refrigeration and agitator once the milk volume in the vat meets a pre-set threshold as specified by the user. Using a temperature probe within the vat pocket, the automated refrigeration “off” function also activates at a vat temperature threshold set by the user.

## FEATURES COMPARISON

Features	Vat-Man Lite	Vat-Man Pro	Vat-Man Auto
Milk volume	✓	✓	✓
Milk temperature	✓	✓	✓
Plate cooler - inlet milk temperature	✓	✓	✓
Plate cooler - inlet water temperature		✓	✓
Agitator status	✓	✓	✓
Agitator temperature		✓	✓
Agitator health		✓	✓
Power outages	✓	✓	✓
Pre-cooling refrigeration		✓	✓
Vat refrigeration - post cooling		✓	✓
Auto refrigeration control			✓
Auto agitation control			✓
E-mail alerts	✓	✓	✓
Text message alerts/month	60	120	120
Users per farm	3	Unlimited	Unlimited
Multi-farm view		✓	✓



# VAT-MAN DISPLAY

Get your critical milk vat data displayed in real-time.

## BENEFITS

- **Real-time information:** All critical milk vat data and measurements are displayed in real-time.
- **Hands-free:** Alleviates the need to use a mobile phone in the milking shed to view vat data.
- **Easy to see:** High visibility, even from a distance.
- **New staff:** A great reminder to turn on the milk chiller and agitator – especially for new staff and relief milkers.
- **Immediate action:** Immediately identify milk cooling or quality issues.
- **Multi-vat:** Use a single display unit for up to 3 vats, or each vat can have a single display.
- **Position it anywhere:** Whether you choose one display or multiple displays, it's up to you where you put them.
- **Control switch:** Swap between different vats on the display with the flick of a switch.

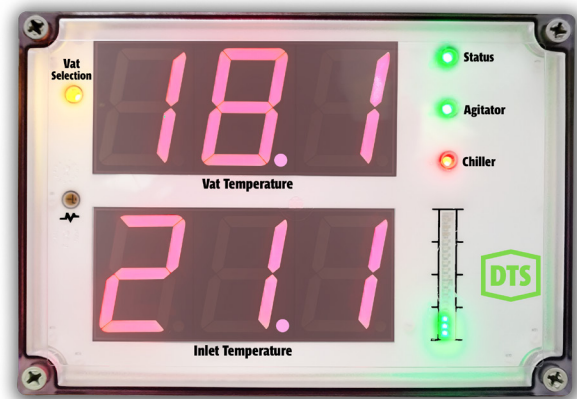
## PRICING OPTIONS:

**Option 1:** Get billed monthly through DTS direct debit, comprising of a one-off installation fee and monthly subscription fee.

**Option 2:** Outright purchase of the unit.

## SPECIFICATIONS

- Milk Vat temperature LED segment display.
- Milk Inlet temperature LED segment display.
- Milk Vat Volume Level indicators (red level indicators from >80% vat level).
- Refrigeration Indicator LED (green for <10°C, red for >10°C).
- Agitator Indicator LED (green for On, red for Off).
- Real-time data display.
- Dimensions: 180 x 255 x 75mm.



\*For the Vat-Man Display to work, you must install Vat-Man Lite, Pro or Auto. The Vat-Man Shed Display works exclusively with Vat-Man technology and cannot be used with other MVMS solutions.