



# MegaQuant™ Wave

All your winery needs for in-house analysis: just add water and wine!



## Why your winery needs in-house analysis

### 1. Cost saving

Running a test in-house is considerably **less expensive** than sending it to an external laboratory.

### 2. Rapid results

Our wine test kits produce a reaction in as little as 3 minutes, allowing you to respond to the results in real time - unlike the 2-3 day turnaround for results from an external laboratory.

### 3. Flexibility

With your own testing facility, you can test as frequently as needed, not just at crucial stages of production. This allows you to check samples within the same vintage as well as between batches.

*The MegaQuant™ Wave is the most versatile and cost-effective analyser for small wineries, while Megazyme test kits provide unparalleled quality, reliability, stability, and value for money.*



[www.megazyme.com](http://www.megazyme.com)

# Is the MegaQuant™ Wave Starter Pack right for your winery

- More cost-effective than any external wine laboratory
- Analysis-ready straight out of the box
- Pre-programmed with protocols for all Megazyme wine tests
- No Manual data manipulation required

## Pre-programmed protocols

Acetic acid (K-ACET/K-ACETRM)	D-Galactose (K-ARGA)	L-Malic Acid (K-LMAL)
Acetaldehyde (K-ACHYD)	D-Gluconic Acid/D-Glucono-δ-lactone (K-GATE)	Primary Amino Nitrogen (K-PANOPA)
Ammonia (K-AMIAR)	D-Glucose (K-GLUHK/K-GLUC)	Pyruvic Acid (K-PYRUV)
L-Arginine/Urea/Ammonia (K-LARGE)	L-Glutamic Acid (K-GLUT)	D-Sorbitol (K-SORB)
Ascorbic Acid (K-ASCO)	Glycerol (K-GCROLGK/GCROL)	Succinic Acid (K-SUCC)
Aspartame (K-ASPTM)	D-Lactic Acid (K-DATE)	Free Sulfite (K-FSULPH)
Citric Acid (K-CITR)	L-Lactic Acid (K-LATE)	Total Sulfite (K-SULPH/K-TSULPH/K-ETSULPH)
Ethanol (K-ETOH)	D-/L-Lactic Acid (K-DLATE)	Tartaric Acid (K-TART)
Formic Acid (K-FORM)	D-Malic Acid (K-DMAL)	Urea/Ammonia (K-URAMR) (SEQ)
D-Fructose/D-Glucose (K-FRUGL)		

The MegaQuant™ Wave can also be used as a standard spectrophotometer in absorbance mode.



MegaQuant™ Wave Spectrophotometer  
D-MQWAVE-1



MegaQuant™ Wave starter pack  
D-MQWAVE-2

## Starter Pack Contents

- MegaQuant™ Wave Spectrophotometer
- Top-of-the-range Gilson Pipetman Kit (Pipette P20, P200, P1000)
- Test tubes for MegaQuant™ Wave
- Test tube rack
- PVPP Tablets
- Polypropylene tubes 13 mL & 30 mL
- 100 mL Volumetric flasks
- Megazyme timer
- Filter Papers
- Plastic Funnels
- ...Plus your choice of Megazyme kit

## User experiences with the MegaQuant Wave

The wine laboratory is as important to the success of a winery as any other element... In my laboratory I have run acetic acid, L-malic acid, glucose, fructose, SO<sub>2</sub> free and total tests on [the MegaQuant Wave]. Every one of the test results came well within the standards expected for any wine analysis. The precision of the test was excellent.

-Richard Carey PhD, writing in wines and vines

Start enjoying high-quality wine chemistry at your winery!

