

New: 700g vacuum centrifugal planetary Thinky mixer



*THINKY ARV-501CE with optional
ARV-PU501 vacuum stand*

If you are mixing ultra-critical applications where even micro-bubbles cannot be tolerated, you may need the latest industrial non-contact vacuum planetary mixer, the **THINKY ARV-501CE**. The unit has a maximum capacity of 700g for mixing, de-foaming and degassing any combination of liquids, powders, and pastes. It is suitable for all engineering compounds, from low viscosity to semi-solid

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materials.

It mixes, disperses and degasses under vacuum in seconds to minutes to produce a uniform, homogeneous mix. The vacuum mixer is suitable for manufacturers working in applications where even micro-bubbles cannot be tolerated, but can also be used without the vacuum for less critical functions. You can mix in your own containers, such as jars, beakers or cartridges, which means there is no cleaning between batches.

The mixer sits at an ergonomic bench height with an optional dedicated stand with built-in vacuum pump to provide a small footprint. It has an easy to use touch screen that displays status and progress, and offers RS232 connectivity for recording and traceability. Precise and repeatable control makes it possible to improve formulation quality, eliminate human error and reduce variations due to operator skill.

[THINKY mixers](#) provide fast, efficient, homogeneous mixing of many high technology materials, and unlike machines that use paddles or stirrers, no air is introduced; in fact, there is a tendency to remove air.

Our customers have already seen success with vacuum planetary centrifugal mixers for applications including semiconductor manufacturing, electrode production for battery applications and LED manufacturing. This new product could be a good steppingstone for our customers that already operate a mixer to scale up their operations once they have proven their process with a smaller model.

The [ARV-501CE](#) operates with an independent vacuum pump, the PU-501CE, which can be easily integrated. You can also choose to use your own vacuum equipment or use it as an atmospheric pressure mixer and upgrade it to a vacuum mixer at a later time.

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Check out our [Technical Bulletin Vacuum Mixing & Degassing](#) and [our latest video about the THINKY ARV-501CE](#).

Supplied by:

intertronics

INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e info@intertronics.co.uk

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