

## Kuhner's ISF1-Z incubator shaker - the perfect solution for shaken cultivation processes



The ISF1-Z incubator shaker is suitable for the application in laboratories, research centers and production facilities. It complies with GMP (good manufacturing practice) requirements and regulations. The ISF1-Z offers a large shaking capacity with a small footprint and many features allowing straightforward, safe handling of any culture or product. The incubator shaker is applicable for microbial, plant, human and animal cell cultures. With Kuhner's direct drive system its shaking diameter can be changed easily and quickly. All ISF1-Z components are designed for durability and reliability. A Kuhner shaker is a cost effective investment in quality backed with a five year warranty.

The ISF1-Z is available in four different models: ISF1-Z, ISF1-Z EcoDew, ISF1-Z Peltier and ISF1-Z Compressor. Each model provides distinct features and is additionally available with CO<sub>2</sub> control for cell culture processes. The ISF1-Z is the basic version of Kuhners stackable incubator shaker with temperature control (heating). The ISF1-Z EcoDew® includes temperature control (heating) and Kuhners EcoDew® technology for humidity control. No cooling compressor unit is required for the precise and eco-friendly EcoDew® technology. The ISF1-Z Compressor has a specially large temperature range and can quickly cool and heat up. It was designed with the environment in mind. The incubator shaker contains two cooling units operated with natural gas. This eco-friendly concept optimizes the energy consumption of the shaking incubator and provides more process reliability. The innovative ISF1-Z Peltier uses long life peltier elements for precise heating and cooling and also for humidity control. This eco-friendly concept makes coolants or compressors unnecessary.

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Link to product website: <https://kuhner.com/en/products/data/ISF1-Z.php>

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