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Eppendorf announces launch of new Centrifuge 5811 R

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Introducing a new design and updated sustainable cooling technology



Eppendorf has launched the new Centrifuge 5811 R, a refrigerated, multipurpose benchtop centrifuge designed to support a wide range of laboratory workflows. It builds on the proven performance and versatility of the Centrifuge 5810 R.

The Centrifuge 5811 R combines a new design and a refreshed user interface with a significant update to its cooling technology. It retains the dependable performance and versatility laboratories value while adding and retains the selected new features for efficient, repeatable operation.

The Centrifuge 5811 R uses R290 propane as a refrigerant. With a global warming potential of 0.02 and an ozone depletion potential of 0, this cooling technology can support laboratory sustainability goals.

With a capacity of up to 3 L and speeds of up to 20,913 x g (14,000 rpm), the Centrifuge 5811 R supports a wide range of vessel types within a single benchtop footprint.

The centrifuge supports applications including the harvesting and processing of cells, bacteria, yeast, algae and other microorganisms. It can also be used for nucleic acid and protein purification, as well as peripheral blood mononuclear cell (PBMC) isolation.

The Centrifuge 5811 R is compatible with 16 of the 17 existing Centrifuge 5810 R rotors. This compatibility allows laboratories to continue using most of their existing rotor portfolio and supports a straightforward transition to the updated instrument.