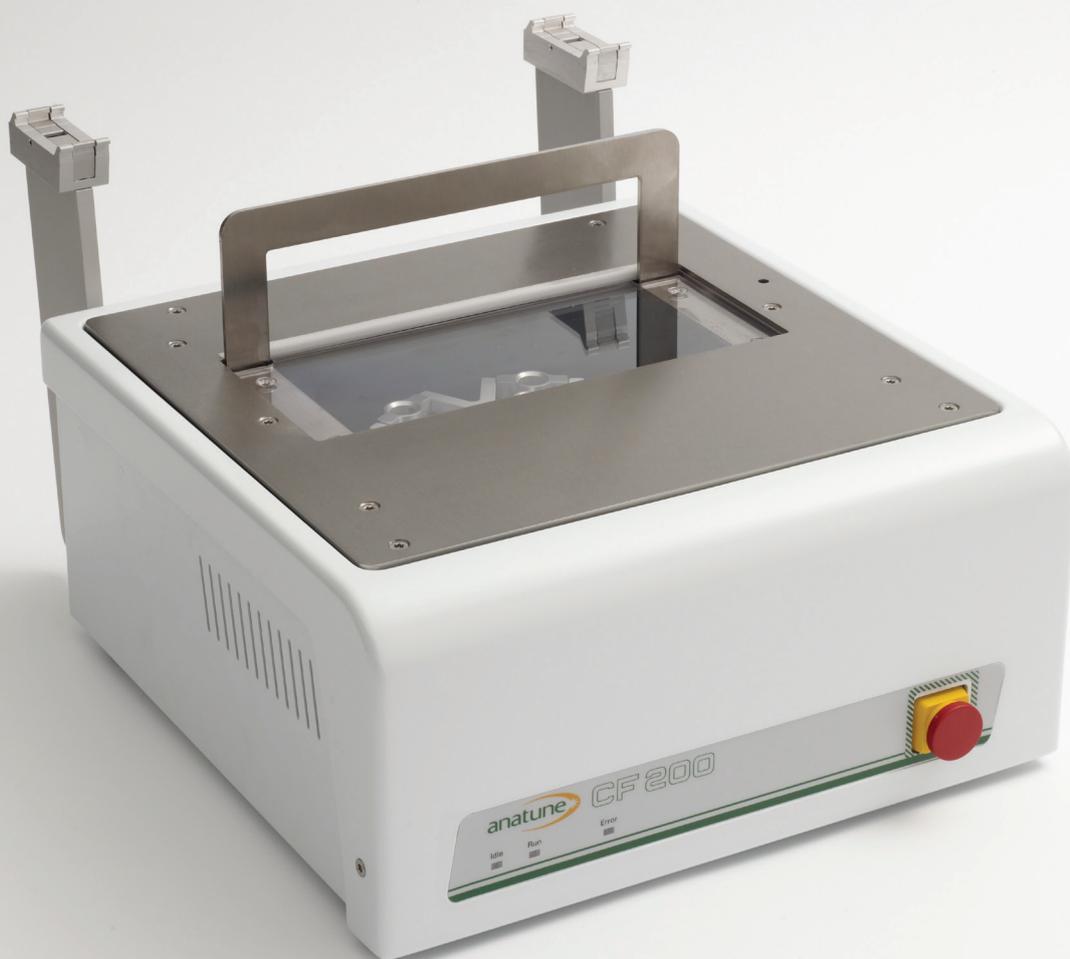


The **CF200** Robotic Centrifuge



The CF200 Robotic Centrifuge integrates fully with the GERSTEL MultiPurpose Sampler and Agilent Technologies GC-MS platforms to permit automated sample preparation and analysis, wherever automated sample preparation requires a phase separation step.

Examples:

- Liquid-liquid extraction
- Liquid-solid extraction
- Derivatisation
- Protein precipitation

Automated GC-MS Systems

MultiFlex Systems **For Analytical R&D Laboratories**

If you work in R&D you never know what is around the corner and just what shape your next analytical task will take.

You and your staff must be flexible and adaptable and so must the instruments you use.

Anatune's MultiFlex Systems are specially configured for R&D applications, to offer the greatest possible versatility in automated sample preparation.

The CF200 Robotic Centrifuge is the latest in a long list of sample preparation accessories that can be used as part of the GERSTEL MultiPurpose Sampler (MPS).

AutoPrep Systems **For Busy Routine Laboratories**

If you work in a production laboratory, your job is to get lots of samples run without any drama.

The CF200 is designed for your kind of work. It is tough, simple and fool proof; fully integrates with GERSTEL's robust MultiPurpose sampler and enables Anatune to build systems that will fully automate your sample processing and analysis.

If you are spending time and money on manual sample preparation, then now is the time to look at automation, for more consistent results at a lower cost.



Applications

Now is the Time...

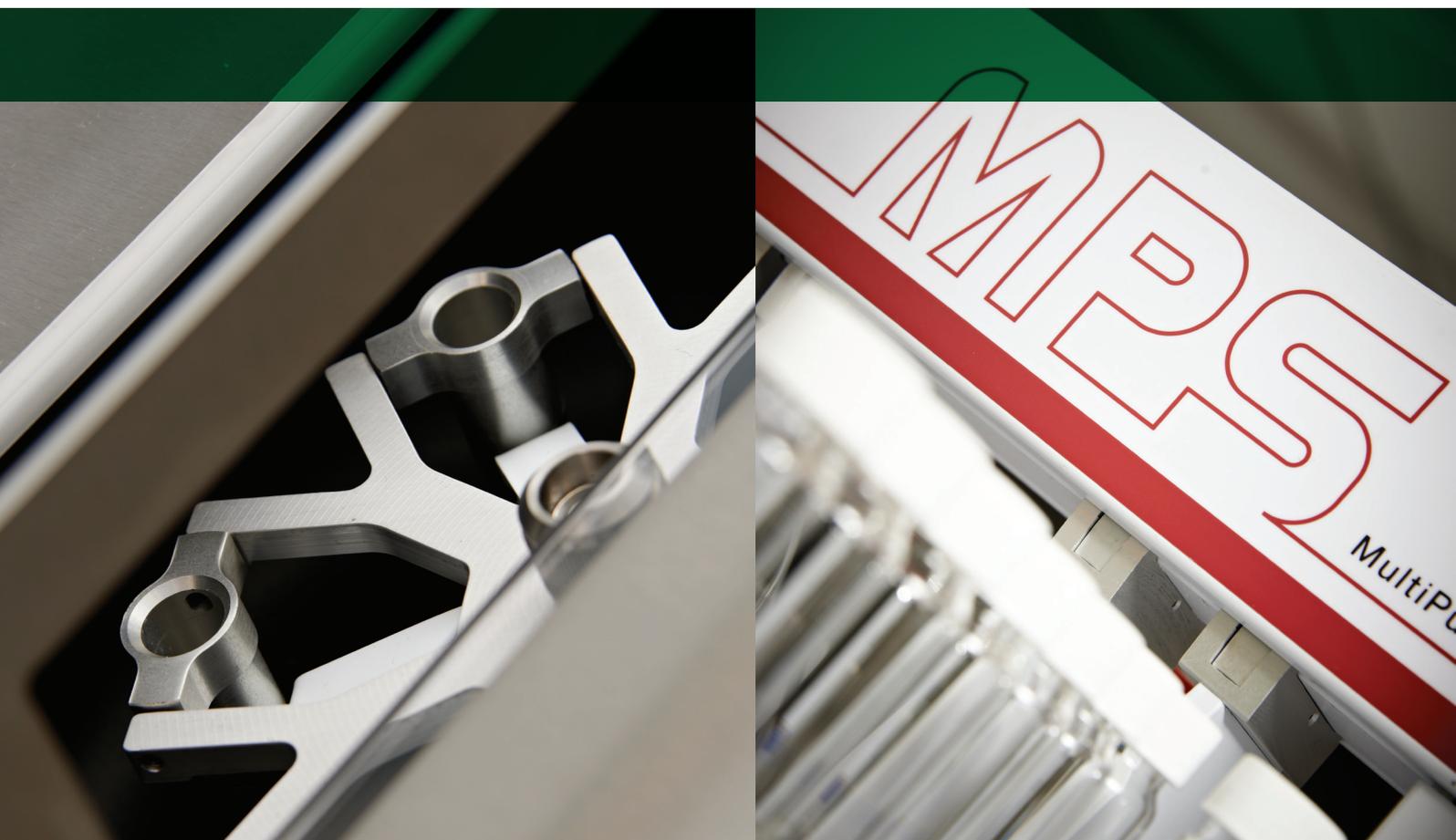
Every new generation of GC-MS offers you lower detection limits. As a result, you can work with smaller samples and in turn this makes automating sample preparation a breeze; you just have to have the right tools.

Liquid-liquid extraction (LLE) is the most commonly used sample preparation technique. It is still largely a manual process, with the attendant cost and inconvenience this entails. Automating LLE requires a quick, dependable way of separating the two liquid phases; the CF200 Robotic Centrifuge does just that.

Liquid-solid extraction (LSE) often involves vigorously mixing solid samples in an extraction solvent. This can result in an extract laden with fine particles that have to be removed before injecting the sample into the analyser; centrifugation is a great way of doing this without recourse to filtration.

Derivatisation commonly requires a centrifugation stage to separate liquid phases, prior to sampling from one of them. Being able to build-in a centrifugation step as part of a fully automated process enables end-to-end automation – with no operator involvement along the way.

Protein precipitation is a part of the sample preparation procedures for biological samples such as blood plasma. Once a precipitate has been formed centrifugation is used to obtain a clear sample. The CF200 enables protein precipitation to be an integral part of a fully automated analytical procedure.



How it Works

The CF200 can accommodate 6 x 2ml standard sample vials or 6 x 10 ml vials. Samples to be centrifuged are loaded and unloaded by the GERSTEL MPS sampler. The centrifuge works seamlessly alongside a range of other sample preparation accessories under the control of GERSTEL's powerful Maestro software.

Specifications

Maximum speed: 4,500 rpm
Maximum force: 2,000g

How to Order

The CF200 Robotic Centrifuge can be ordered as an upgrade to an existing GERSTEL MPS sampler when sufficient space is available on the mounting rail.

Alternatively, the CF200 can be ordered as part of a full automation solution based upon Agilent GC/LC/MS platforms.

The CF200 can be ordered from Anatune in the UK and Ireland and from GERSTEL and its authorised distributors Worldwide.

anatune.co.uk

 [Twitter.com/anatune](https://twitter.com/anatune)

 Follow us on LinkedIn

 Follow us on Facebook

Tel: +44 (0)1223 279210

Anatune Ltd.
Unit 4, Wellbrook Court, Girton Road, Cambridge, UK, CB3 0NA

