

Precise tempering of industrial plasticine

Alongside CAD, computer projection and augmented reality, car designers still use a very traditional method to bring their designs to life. Clay, an industrial plasticine, is heated and stored in a precise and thermally safe clay oven, producing life-size models.



| 18.12.2018

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Research for the cars of tomorrow



TUfast e.V. is a student association at the Technical University of Munich. The association builds its own cars and has enjoyed regular success in race series such as Formula Student or Shell Eco-Marathon. The CFRP body parts undergo curing in a Memmert heating oven in a vacuum under heat.

| 08.10.2018

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Cell cultivation in stem cell research



Heidelberg-based TICEBA GmbH is a highly innovative biopharmaceuticals company in the field of stem cell research. As a manufacturer of medicines, TICEBA produces stem-cell-based medicines for clinical trials conducted by its subsidiary RHEACELL GmbH & Co. KG, which is heavily involved in research into stem cell...

| 24.07.2018

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Determining wood density in a drying oven



The Royal Museum of Central Africa (RMCA) in the Belgian municipality of Tervuren is home to one of the world's most important wood collections (xylarium). The wood biologists at the AfricaMuseum use several Memmert drying ovens to quarantine wood samples and to dry wood in order to determine its moisture content...

| 24.04.2018

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Measuring the depth of carbonation in concrete



The standard DIN EN 206 assumes concrete structural components to have a service life of at least 50 years. Corrosion of the steel reinforcement in ferroconcrete caused by its exposure to CO₂ (carbonation) can shorten the service life. Holcim HüttenZement GmbH is using a Memmert ICH C climate chamber with CO₂...

| 12.02.2018

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Beer-force-ageing test in a cooled incubator



Beer force-ageing tests for precise prediction of the shelf life of beer are commonplace in every brewery. Herrenhausen private brewery performs these tests using an opacimeter to measure scattered light and a Memmert cooled incubator ICP110.

| 05.12.2017

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Health care mattresses put to the acid test

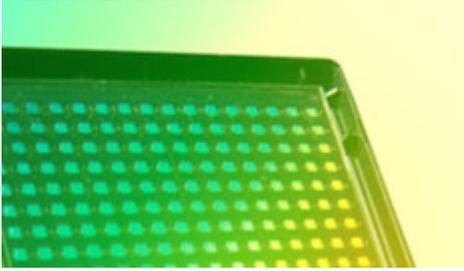


Health care mattresses, especially those used to prevent bedsores, are subjected to stringent tests before they can be used in nursing homes or hospitals. MMC (Medical Mattress Care), a Belgian manufacturer of health care mattresses, uses the Memmert heating oven UNB200 to bring its foam test specimens to the...

| 11.10.2017

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Cell-based assay in the incubator



Prof. Evi Kostenis is the head of a research group at the Institute for Pharmaceutical Biology of the University of Bonn that validated a label-free screening test system for pharmaceutically active substances based on optic biosensors and now uses it for numerous research projects with much success. They use a...

| 16.08.2017

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