

The Simple way to Superior Impregnation



 **Struers**

Easy Handling with CitoVac

Superior Impregnation with CitoVac

CitoVac gives you perfect impregnation, carried out quickly and efficiently

Superior impregnation

Impregnation of porous specimens requires that there is no air in the pores and cracks of the specimen when the impregnation material is applied. The only way to obtain this is to impregnate under vacuum. CitoVac ensures superior impregnation of your specimens.

Easy handling

CitoVac is designed for trouble-free filling of the mounting cups, and is operated without spilling of impregnation material in the vacuum chamber or outside on the cabinet. CitoVac is easy to handle and extremely user-friendly.

Large vacuum chamber

With CitoVac many specimens can be impregnated at the same time. Using 30 mm / 1 1/4" dia. moulds, 10 specimens can be mounted at the same time.

In addition, the large vacuum chamber gives the customers the opportunity to mount large specimens. Thus, CitoVac can use a 200 mm / 8" dia. mounting cup to impregnate large samples.

The transparent lid gives a clear sight to the specimens during impregnation.



The new CitoVac is a vacuum impregnation unit, designed for perfect impregnation and easy handling.

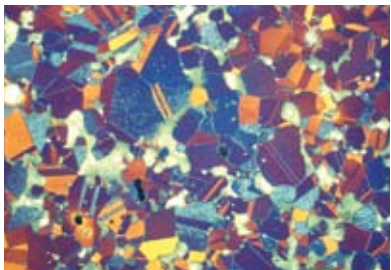


The spacious vacuum chamber allows for the impregnation of large specimens.

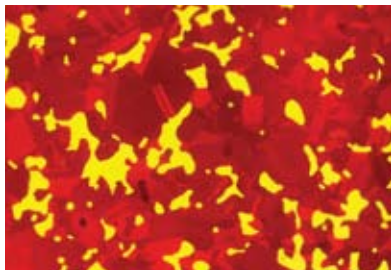


CitoVac is easily operated with a few touch pad keys. The display presents set values, present vacuum and time.





Bright field, 200x



Long pass blue/short pass orange filter, 200x

Specimen impregnated with EpoFix and EpoDye, using CitoVac. The micrograph to the right shows the specimen material in reddish colours and the voids filled with the mounting material in yellow. This impregnation technique, combined with the proper filters in the optical microscope, makes it easy to evaluate voids and/or cracks present within a specimen. Material: Powder Metallurgy, stainless steel with 10% volume Cr₃C₂.



For use with CitoVac, Struers offers impregnation materials (EpoFix, Specifix-20 and -40) and fluorescent dye to use in microscopy to identify voids within the specimen (EpoDye).

Large vacuum chamber with a clear sight to specimens during impregnation

User-friendly operation with touch pad keys and easy-to-read display

Practical mounting cup holder for fast and easy handling of many specimens (accessory)

Trouble-free filling of the mounting cups without spilling of impregnation material



To make it fast and easy to impregnate many specimens, a practical mounting cup holder containing up to 8 mounting cups at a time is available.



The mounting cups are manually rotated on the turn table to the fixed inlet tube. The valve controlling the flow of the impregnation material is also easy to handle. This means no spilling of impregnation material.



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