

CitoVac

Vacuum Impregnation Unit

For easily achievable impregnation results, the CitoVac provides superior capabilities and trouble-free operation. Its spacious vacuum chamber and clear, user-friendly display offers great ease of use and is perfect for porous materials such as specimens for failure analysis, sandstones, soils, agglomerates, schists and concretes.

Perfect impregnation results every time

The superior impregnation results possible with the user-friendly CitoVac are achieved effortlessly, due to its large vacuum chamber and even distribution of impregnation material. The CitoVac ensures perfect impregnation of your specimens prior to subsequent processing - time after time.

Extra large vacuum chamber

With the CitoVac, several specimens can be impregnated at the same time. Using 30 mm/1.25" diameter moulds, 10 specimens can be mounted; using 40 mm/1.25" diameter moulds, 8 specimens can be mounted at the same time.

Larger sized specimens can also be impregnated under vacuum, using a 200 mm/8" diameter mounting cup, increasing the range of uses.

Superior impregnation material filling

The use of a turntable allows easy filling of the mounting cups via the inlet tube. The rate of flow supplying the impregnation material is easily regulated by the control valve. The efficient design of the supply system offers the user spillage free operation.



To ensure smooth operation during material filling, the CitoVac incorporates a holder for the mounting cups. The holder can only be used with accessory mounting cups 30 mm/1.25" diameter, specifically designed for the purpose.

A clear view - better control

A clear unobstructed view is always available when filling the mounting cups in the vacuum chamber. Therefore the amount of impregnation material per cup can be visually controlled, resulting in less waste and spillage of the material.

User-friendly operation

The display shows pre-set values, vacuum readout and time increments and is easily accessed with the touch of a few pad keys. Control surfaces are placed behind the chamber to ensure that they will not be soiled with mounting material during the process.



- *Easy filling of mounting cups - No mess*
- *Large vacuum chamber - easily accomodates larger samples*
- *User-friendly operation*
- *Clear display*
- *Disposable consumables*

Optimal safety and less cleaning

The full range of impregnation consumables for the CitoVac are disposable, ensuring efficient workflow without additional cleaning and offering the added benefit of enhanced operational safety to the user.

Technical Specifications

Dimensions:

Height: 190 mm / 7.5"

Width: 380 mm / 15"

Depth: 370 mm / 14.5"

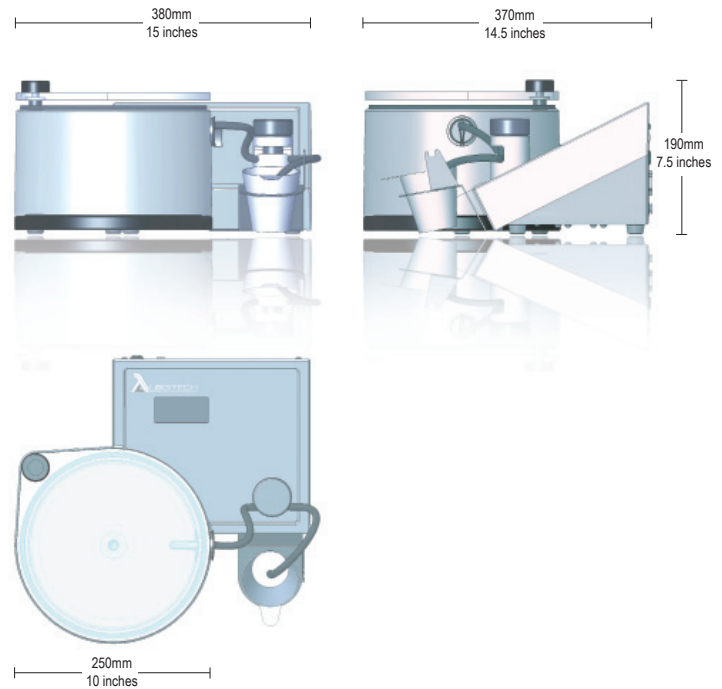
Weight: 9.5 kg / 21 lbs.

Specifications:

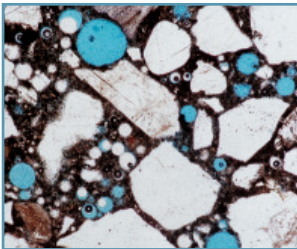
CitoVac Vacuum impregnation unit.
External vacuum pump required.
100 - 240 V / 50-60Hz.

Mounting Cup Holder for UnoForm 30 mm / 1.25" dia.
For easy handling of mounting cups.
Holder for 8 x 25 mm / 30 mm / 1.25" cups.

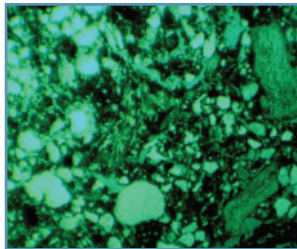
Consumable Kit for CitoVac
Disposable consumables for CitoVac.
100 dispensing tubes, one chamber protector and one clip for dispensing tube.



Sample Results



Concrete sample



Soil sample

Ordering Data

- 1CI51** CitoVac Vacuum Impregnation Unit with 240V Vacuum System
- 1CI52** CitoVac Vacuum Impregnation Unit with 110V Vacuum System
- 2STR-235** Mounting Cup Holder for UnoForm \leq 30 mm / 1¼" dia.
- 2STR-236** Consumable Kit for CitoVac

Logitech Limited

Erskine Ferry Road, Old Kilpatrick,
Glasgow G60 5EU, Scotland, U.K.

Tel: +44 (0) 1389 875444
Fax: +44 (0) 1389 879042
e-mail: info@logitech.uk.com

www.logitech.uk.com



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