

BiCart® 720g

the upgraded version

BiCart is central to the dialysis fluid delivery system, offering a hygienic method of bicarbonate supply from a dry-concentrate cartridge.

BiCart eliminates the risk of contamination and bacterial growth. It also reduces both weight and volume, removing the strain associated with lifting heavy canisters and reducing the storage space.

Since its introduction BiCart has become the world standard in bicarbonate dialysis.



Bendras parasyimas

Bicart yra apolipropileno kolonele su natrio bikarbonatu, kas leidžia tiesiogiai gaminti skysta bikarbonato koncentrata

BiCart 720g the upgraded version – Specifications

General Description

BiCart is a polypropylene cartridge containing sodium bicarbonate which enables on-line production of liquid bicarbonate concentrate.

When attached to a special holder, water passes through BiCart, thus producing a saturated bicarbonate solution, ready for use.

This concentrated solution is then proportioned in the dialysis machine.

Product code B17311

Units per box 10

Kiekvienas BiCart turi minimaliai 720 g Natrio bikarbonato miltelių

Specification

Contents: Each BiCart contains min. 720 g of sodium bicarbonate powder (USP and Eur. Ph. grade).

Capacity: Together with a suitable acid concentrate each BiCart will yield enough sodium bicarbonate solution to produce 200 l of dialysis fluid with a bicarbonate concentration of 34 mmol/l.

Duration: 6 h 45 min at 500 ml/min dialysis fluid flow rate.
4 h 50 min at 700 ml/min dialysis fluid flow rate.

Storing: Store below +40°C.

Shelf Life: Please refer to product label and box.

Quality Control

Quality control as well as manufacturing procedures for BiCart follow the current Good Manufacturing Practice (GMP) for pharmaceuticals. As well as European and US legislation for medical devices.

The inspection of components, the process control and finished product testing are rigorous. All documentation and results from tests and inspections are checked and reviewed.

Requirements on Acid Concentrate

The acid concentrate must be designed for use with pure bicarbonate concentrate and have a dilution ratio of 1:35 (1+34). As an example, Gambro concentrate 204 can be used. When mixed 1:35 (1+34) this will yield (mmol/l):

Sodium	103,00
Potassium	2,00
Calcium	1,75
Magnesium	0,50
Chloride	109,50
Acetic acid	3,00

Together with the sodium bicarbonate concentrate from the BiCart cartridge the final dialysis fluid will have a sodium concentration of 140 mmol/l and a bicarbonate concentration of 34 mmol/l, at a normal machine setting.

Water Purity

Water for diluting concentrated hemodialysis solutions should

Kartu su atitinkamu rugstiniu koncentratu Kiekvienas Bicart turi pakankamai Natrio bikarbonato tirpalo pagaminti 200 Litru dializuojancio tirpalo su bikarbonatu

Uztenka 6 val. 45 min, kai 500 ml/min dializuojancio tirpalo tekme.

Uztenka 4 val. 50 min., kai dializuojancio tirpalo tekeme 700 ml/min

Top filter

Prevents powder from going backwards up into the dialysis machine.

CE 0086 The products meet the applicable provisions of Annex I (Essential Requirements) and Annex II (Full quality assurance system) of the Council Directive 93/42/EEC of 14 June 1993 concerning medical devices.