



**UREĐAJ:** Cellspin bioreaktor

**DEVICE:** Cellspin bioreactor

**PROIZVOĐAČ I MODEL / MANUFACTURER AND TYPE:** IBS Integra, Biosciences, Switzerland

**GODINA PROIZVODNJE / PRODUCTION YEAR:** 2004.

### **Kratki opis uređaja**

*Cellspin bioreaktor* je sustav s miješanjem koji se sastoji od platforme, upravljačke jedinice i 4 miješajuće jedinice za uzgoj stanica i dobivanje njihovih proizvoda. Pogodan je za uzgoj suspenzijskih i imobiliziranih adherentnih stanica (mikronosači, alginat).

### **Short description of the device**

*Cellspin* is a spinning system comprising four stirring units for the gentle cultivation of cells and the preparation of cell products in spinning vessels. It has a control unit that can be displaced from the stirring unit. The *Cellspin* system is suitable for use with cell suspensions and immobilised adherent cells.

### **Namjena**

Uzgoj suspenzijskih i adherentnih stanica na mikronosačima.

### **Purpose:**

Cultivation of suspended or immobilised adherent animal cells.

### **Tehničke značajke**

Dimenzije platforme 295x330x60 mm, a upravljačke jedinice 295x80x60 mm. Masa platforme 2,9 kg, a upravljačke jedinice je 0,5 kg. Brzina miješanja 5-75 o/min. Rad u temperaturnom području 5-40°C i max 10% CO<sub>2</sub>.

### **Technical characteristics**

Stirring unit size: 295x330x60 mm. Stirring unit weight: 2,9 kg. Control unit size: 295x80x60 mm. Control unit weight: 0,5 kg. Stirring rate: 5-75 rpm. Temperature 5-40°C.

### **Tip i priprava uzorka**

Spinner boca sa stanicama postavlja se na jedinicu za miješanje u inkubatoru.

**Sample type and preparation**

Spinner vessel with cell suspension or immobilised cells is placed on a stirring unit inside incubator.

**Stupanj iskorištenosti / Utilization level**

60%