



**UREĐAJ:** Orbitalni homogenizator/inkubator

**DEVICE:** Orbital shaker incubator

**PROIZVODAC I MODEL / MANUFACTURER AND TYPE:** ES-20/60 Biosan, Riga, Latvija/Latvia

**GODINA PROIZVODNJE / PRODUCTION YEAR:** 2014.

#### **Kratki opis uređaja**

Orbitalni homogenizator je uređaj koji omogućava uzgoj mikroorganizama i stanica pri različitim intezitetima miješanja i pri različitim temperaturama. Tikvice s uzorcima su učvršćene u postolja u uređaju.

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

An orbital homogenizer is a device that enables the cultivation of microorganisms and cells at different mixing intensity and at different temperatures. Sample flasks are fixed to the base in the appliance.

#### **Namjena**

Orbitalni homogenizator/incubator koristi se u biotehnologiji za uzgoj mikroorganizama i eukariotskih stanica, kao životinjskih stanica i stanica biljaka. Također, u njemu je moguće uzgajati i termofilne bakterije.

**Purpose**

Orbital Shaker–Incubator ES-20/60 for biotechnological and pharmaceutical laboratories is a professional category equipment designed for cultivation of microorganisms and eukaryotic cells including animal, plant and insect cells. It is also possible to cultivate thermophilic bacteria in ES-20/60 shaker-incubator.

**Tehničke značajke**

Orbitalni homogenizator je dimenzija 590x525x510mm te teži 41,1kg. Temperaturni raspon za ovaj uređaj se kreće od 25°C do 80°C. Odstupanje od navedenih temperatura je moguće i to za 0.1°C. Maksimalna brzina koja se postiže iznosi 250rpm.

**Technical characteristics**

Overall Dimensions for the orbital shaker incubator are 590x525x510mm and weight 41,1kg. Temperature setting range is from 25°C do 80°C with resolution of 0.1°C. Speed control range is from 50-250rpm.

**Tip i priprava uzorka**

Mikroorganizmi, eukariotski organizmi i kulture stanica.

**Sample type and preparation**

Microorganisms, eucariotic organisms and all kinds of cell and tissue cultures.