



**Naziv uređaja**  
3D štampač Ultimaker 3

**Apparatus**  
3D printer Ultimaker 3

**Proizvođač i model/The manufacturer and model**  
Ultimaker 3, Ultimaker B.V, Holandija / Ultimaker 3, Ultimaker B.V, Netherlands

**Kratak opis metode**  
3D štampač Ultimaker 3 baziran je na tehnici modelovanja fuzionim deponovanjem. Štampanjem filamenata u slojevima dobija se prethodno kompjuterski dizajniran farmaceutski oblik.

**Short description of the method**  
Ultimaker 3 3D printer is based on the fusion deposition modeling technique. Computer-designed pharmaceutical dosage form is obtained by printing filaments in layers.

**Tehničke karakteristike**  
Uređaj se sastoji od dva ekstrudera što omogućava upotrebu dva različita filamena. Moguće je podešavanje temperature štampe do 280°C, dok ploča po kojoj se štampa ima mogućnost zagrevanja do 100°C.

**Technical characteristics**  
The 3D printer consists of two extruders, which allow using two different filaments. It is possible to adjust the printing temperature up to 280°C, while the building plate has the possibility of heating up to 100°C.

**Primena i tip uzorka**  
Koristi se za proizvodnju čvrstih farmaceutskih oblika koristeći prethodno napravljene filamente.

**Application and sample type**  
It is used for the production of solid pharmaceutical forms using previously fabricated filaments.

**Osoba za kontakt / Contact person**  
Katedra za farmaceutsku tehnologiju i kozmetologiju / Department of Pharmaceutical Technology and Cosmetology  
Mirjana Krkobabić, [mirjana.krkobabic@pharmacy.bg.ac.rs](mailto:mirjana.krkobabic@pharmacy.bg.ac.rs), tel: +381 11 3951367

**Link ka uređaju na sajtu proizvođača / Link of the product on the manufacturer's website**  
<https://www.3drepublika.com/proizvod/ultimaker-3-3d-stampac/>