



Naziv uređaja Adrona Onsite+ aparat za generisanje ultračiste vode	Apparatus Adrona Onsite+ water polishing system
Proizvođač i model/The manufacturer and model Adrona SIA, Letonija, Onsite+ Bio/ Adrona SIA, Latvia, Onsite+ Bio	
Kratak opis metode U rezervoar (maksimalne zapremine do 5 L) sipa se destilovana voda i pokretanjem sistema i pumpe dolazi do cirkulacije vode kroz foto-oksidujući modul i <i>polishing</i> modul. Fotooksidacijom se razlažu organski molekuli, cepajući se na jonske fragmente i oksiduju do CO ₂ . <i>Polishing</i> modul uklanja rastvorene čvrste supstance iz vode, uključujući i fragmente organskih molekula, dovodeći provodljivost vode do teorijskog limita od 0,055 μS cm ⁻¹ na 25°C. Visok stepen čistoće vode održava se zahvaljujući procesu recirkulacije. Voda kvaliteta Grade I se dobija propuštanjem kroz ultrafilter (Bio konfiguracija).	Short description of the method Embedded tank (maximum volume up to 5 L) has to be filled with pre-treated water (distilled water) before operation. After the system has been switched on, the pump circulates water through the photooxidation and polishing module. The photooxidation module destroys organic molecules, breaking them down into ionized fragments and oxidized to CO ₂ . Polishing module removes dissolved solids from the water, including fragments of organic molecules, bringing water conductivity to the theoretical limit of 0.055 μS cm ⁻¹ at 25°C. A high-level water quality is maintained through the recirculation process. Grade I water is dispensed through the ultrafilter (Bio configuration).
Tehničke karakteristike Provodljivost vode: 0,055 μS cm ⁻¹ na 25°C; TOC (ukupni organski ugljenik): < 2 ppb; broj bakterija: < 0,01 CFU/mL; veličina čestica > 0,22 μm: <1/mL.	Technical characteristics Water conductivity 0.055 μS cm ⁻¹ at 25°C; TOC (total organic carbon): < 2 ppb; bacteria content < 0.01 CFU/mL, particle size > 0.22 μm: <1/mL.
Primena i tip uzorka Koristi se za pripremu ultračiste vode koja odgovara ISO 3696 Grade I zahtevima za visoko senzitivne analitičke tehnike (ICP-MS), za HPLC, za molekularnu biologiju, TOC analize i ćelijske kulture.	Application and sample type Preparing of ultrapure water that complies with ISO 3696 Grade I requirements for high sensitivity analytical techniques (ICP-MS), for HPLC, for molecular biology, TOC analysis and cell culture.
Osoba za kontakt / Contact person Dipl. farm. Nikola Novković, +381 11 3951-329	
Link ka uređaju na sajtu proizvođača / Link of the product on the manufacturer's website http://www.adrona.lv/en/catalog_epml.php?id=16052	