



<b>Naziv uređaja</b> Mikrotalasna pećnica	<b>Apparatus</b> Microwave Digestion System
<b>Proizvođač i model/The manufacturer and model</b> Milestone START D, SK-10T, Italija	
<b>Kratak opis metode</b> Vlažna mineralizacija uzoraka izvodi se u zatvorenim teflonskim posudama u tri koraka koji uključuju zagrevanje, varenje i hlađenje pod tačno definisanim uslovima.	<b>Short description of the method</b> Wet digestion of tissue samples is performed in TMF vessels. Digestion is performed in three steps (heating, digestion and cooling) under the specified conditions.
<b>Tehničke karakteristike</b> Pojedinačni sistem magnetrona sa difuzorima u obliku piramide za homogenu mikrotalasnu distribuciju. Magnetron zaštita od reflektirane snage mikrotalasne pećnice. Telo rotora velike čvrstoće drži do 10 posuda za varenje izrađene od velike čistoće. Instalirana snaga 1.200 vata. Izvod koji se nalazi iznad šupljine odvojen od elektronike za sprečavanje korozije. Direktno nadgledanje i kontrola temperature u referentnoj posudi. Metode i obrada podataka čuvaju se u unutrašnjoj memoriji. Težina ~ 75 kg. Spoljne dimenzije 57 x 51 x 61 (h) cm.	<b>Technical characteristics</b> Single magnetron system with pyramid-shaped diffuser for homogeneous microwave distribution in the cavity. Magnetron protection from reflected microwave power. The high strength SK rotor body holds up to 10 digestion vessels made of high purity. Installed power 1.200 watts. Exhaust located above the cavity, separate from electronics to prevent corrosion. Direct temperature monitoring and control in a reference vessel. Methods and process reporting data saved on internal memory. Weight ~ 75 kg. External dimensions 57 x 51 x 61(h) cm.
<b>Primena i tip uzorka</b> Primena: priprema uzoraka za određivanje makro i mikroelemenata primenom metode AAS. Tip uzorka: biološki materijal, uzorci iz životne sredine	<b>Application and sample type</b> Application: preparation of samples for determination of macro and microelements using the AAS method. Type of samples: tissue samples, environmental samples
<b>Osoba za kontakt / Contact person</b> Katedra za toksikologiju „Akademik Danilo Soldatović“ / Department of Toxicology Zorica Bulat, <a href="mailto:zorica.bulat@pharmacy.bg.ac.rs">zorica.bulat@pharmacy.bg.ac.rs</a> ; tel. +381 11 3951 252	
<b>Link ka uređaju na sajtu proizvođača / Link of the product on the manufacturer's website</b> <a href="http://www.anamed.com.tr/UserFiles/Documents/start_d_2010_.pdf">http://www.anamed.com.tr/UserFiles/Documents/start_d_2010_.pdf</a>	