

Nacionālā programma „Atbalsts zinātniskās infrastruktūras modernizēšanai valsts zinātniskajās institūcijās”

Projekts „Materiālzinātņu un astronomijas nozaru zinātniskās infrastruktūras modernizēšana Latvijas Universitātē”

Iekārtas nosaukums/ Type of equipment	Gāzu analizators Testo- 350XL ; Emission Analyzer- Testo 350 XL		
Fotogrāfija/ Photo			
Tehniskie parametri/ Technical parameters	<p align="center">Range</p> <p>Time</p> <p>O₂ 0 to 25% vol.</p> <p>CO 0 to 10,000 ppm</p> <p>H₂ comp. < 5 ppm (0 to 99 ppm)</p> <p>< 5% of m.v. (100 to 2,000 ppm)</p> <p>< 10% of m.v. (2,001 to 10,000 ppm)</p> <p>CO LOW 0 to 500 ppm</p> <p>H₂ comp. < 2 ppm (0 to 39.9 ppm)</p> <p>< 5% of m.v. (40 to 500 ppm) 0.1 ppm</p> <p>NO 0 to 3,000 ppm</p> <p>< 5% of m.v. (100 to 2,000 ppm)</p> <p>< 10% of m.v. (2,001 to 3,000 ppm)</p> <p>NO LOW 0 to 300 ppm</p> <p>< 5% of m.v. (300 ppm) 0.1 ppm</p> <p>NO₂ 0 to 500 ppm</p> <p>< 5% of m.v. (500 ppm) 0.1 ppm</p> <p>SO₂ 0 to 5,000 ppm</p> <p>< 5% of m.v. (100 to 2,000 ppm)</p> <p>< 10% of m.v. (2,001 to 5,000 ppm)</p> <p>H₂S 0 to 300 ppm</p> <p>< 5% of m.v. (40 to 300 ppm) 0.1 ppm</p> <p>C_xH_y 0.01 to 4%</p> <p>< 10% of m.v. (> 4,000 ppm) 0.001 vol. %</p> <p>= 10 ppm 40 s (t₉₀)</p>	<p align="center">Accuracy</p> <p>< 0.2% of m.v.</p> <p>1 ppm</p> <p>40 s (t₉₀)</p> <p>< 5 ppm (0 to 99 ppm)</p> <p>1 ppm</p> <p>< 2 ppm (0 to 39.9 ppm)</p> <p>30 s (t₉₀)</p> <p>< 5 ppm (0 to 99 ppm)</p> <p>40 s (t₉₀)</p> <p>< 5 ppm (0 to 99 ppm)</p> <p>1 ppm</p> <p>< 2 ppm (0 to 39.9 ppm)</p> <p>35 s (t₉₀)</p> <p>< 400 ppm (100 to 4,000 ppm)</p>	

	<p>firing with fossil fuel. To provide additional control of the flame dynamic and composition of the products, the electric field effects on co-firing the wood biomass with propane are used. In this account, using Testo-XL allows appreciate the mechanism of the electric field effect on the flame dynamic and composition.</p>	
<p>Atbildīgais par iekārtu (vārds, uzvārds, struktūrvienība, adrese, telefons, fakss, e-pasts)/</p> <p>Responsible for equipment (name, surname, division, address, phone, fax, e-mail)</p>	<p>Fizikas institūts Salaspils, Miera 32 Dr.fiz., vadošā pētniece Maija Zaķe tāl. 7945838 faks 3717901214</p>	<p>Institute of Physics, University of Latvia Miera Street 32, Salaspils-1, LV-2169 Dr phys., head researcher Maija Zaķe phone 7945838 faks 3717901214</p>