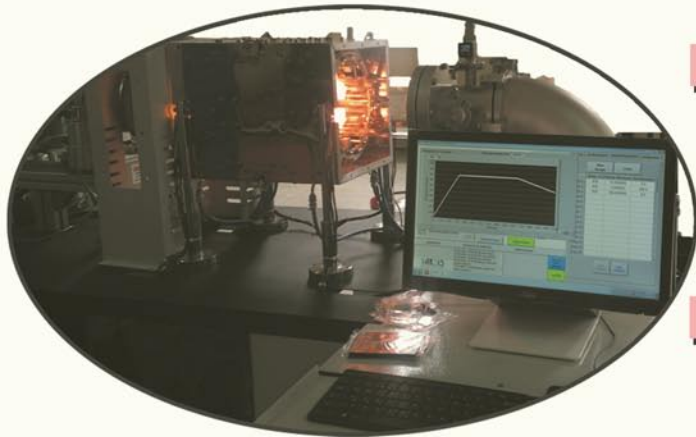


e-bulletin

Vaksis Vacuum Systems Bulletin
Year: 3, No: 7, June 2013

PVD AND CVD COATING SYSTEMS FOR VARIOUS APPLICATIONS

www.vaksis.com



new product

RTAP-*handy* / **tube**
CVD-*handy* / **tube**



NANOTR-9



activities

- RTAP: Rapid Thermal Annealing Process
- PVD: Physical Vapor Deposition
- CVD: Chemical Vapor Deposition

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new product

RTAP-*handy* / *tube*

Rapid Thermal Annealing and Processing System

Technical specifications:

Base pressure: $\approx 10^{-6}$ torr

Time to reach $< 1E-5$ Torr: 10 min.

Temperature measurement: Thermocouple

Process Pressure Range: between 5×10^{-3} - 5×10^{-1} torr

Max. temperature: 1000 °C

Linear heating rate range: 0,5-30 °C/s

Temperature Control System: PID Method

Heating Pressure Range: From 5×10^{-1} torr to base pressure

Control: Full automation by PC



CVD-*handy* / *tube*

Low pressure Chemical Vapor Deposition (LP CVD)

Technical specifications:

Base pressure: $\approx 10^{-6}$ torr

Leak Rate: $< 10^{-8}$ torr.l/s

Process Pressure Range: 0,1-10 torr

Split Type Tube Furnace: Horizontal Design

Max. temperature: 1100 °C

Continuous Working Temperature: 1050 °C

Heating Area Length: 250 mm

Temperature Control System: PID method

Quartz Tube Diameter: 70 mm

Power Supply: 1 RF, 13.56 MHz frequency, 0-600 W

Control: Full automation by PC



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NANO^{TR}-9

9th Nanoscience and Nanotechnology Conference

We gave information about NanoTR Conference in this e-bulletin's golden suggestions part. As you know, nanotechnology is the most important development of 21st century. In Turkey, there are many scientists, universities and industrial enterprises studying in this field.

Nanoscience and Nanotechnology Conference NanoTR is the most comprehensive nanotechnology conference in our country. In Turkey and in the world, specialist professors, company representatives, assistants and students attend to this conference. These nanotechnology and nanoscience researchers are from different field like physical sciences, engineering, pharmaceuticals and medical sciences. The first NanoTR was held at Bilkent University in small lecture hall with attending 50-60 people in 2005. It is so pleasing that NanoTR became popular in time. This conference was held with hosting of Bilkent University, Middle East Technical University, İstanbul Technical University, Anadolu University, Izmir High Technology Institute, Sabancı University and Hacettepe University respectively. This year, 9th NanoTR conference will be held at Atatürk University in Erzurum. Participation of over a thousand people from Turkey and foreign countries is expected.

Vaksis shows an interest in NanoTR conferences every year and support them as a sponsor and participant. In this e-bulletin, the best golden suggestion is meeting with you at NanoTR-9 in Erzurum.



Dr. Baybars ORAL
COMPANY MANAGER

e-bulletin

Vaksis Vacuum Systems Bulletin
Year: 3, No: 7, June 2013

activities

NANOTR-9

9th Turkey Nanoscience-Nanotechnology Conference:
NanoTR-9, (24-28th June 2013)

<http://www.nanotr9.org/>

9th NanoTR-9 conference will be held in Erzurum with hosting of Atatürk University pursuant to Eurasian Silk Road Universities Consortium (ESRUC) Science and Technology Forum.

Vaksis will support this event as a sponsor and participant. You can visit our booth and get information about Vaksis products in detail.

Condensed Matter Physics 2013 İzmir Meeting
(5th April 2013)

<http://ymf.iyte.edu.tr/index.html>

Condensed Matter Physics 2013 İzmir Meeting was held successfully with hosting of İzmir High Technology Institute.

Vaksis was an organization sponsor and met with the relevant participants.



The poster for the 9th Nanoscience and Nanotechnology Conference (NANOTR-9) is displayed. It features logos of various institutions including Atatürk University, ESRUC, and several Turkish universities. The conference dates are 24-28 June 2013 in Erzurum, Turkey. A table of important dates is provided: Deadline to submit abstracts (May 17th 2013), Early registration (May 31st 2013), and Final program announcement (June 7th 2013). Contact information includes the website www.nanotr9.org, info@nanotr9.org, and nanotr9.atauni.edu.tr. Social media icons for Facebook, Twitter, and YouTube are also present. The conference venue is the Atatürk University Cultural and Exhibition Center in Erzurum. At the bottom, it mentions the organizing committee and the slogan 'Let's meet at the Anatolian Peak - Erzurum'.



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