

CAPTEC 720231 VACUUM



Low-running cost



Environmental friendliness



Enhanced process efficiency



Rapid Process



PACEM TECHNOLOGY

Pacem is a biotechnology company that designs and carries out applications of cold plasma technology in many fields of activity.

Being aware of the role that technology can play in improving human life, our company is also able to offer different services under a single roof for the realisation of projects. Our company, which also provides R&D studies and consultancy services in the fields of health technology, electronics, embedded systems, software and engineering with innovative solutions, continues to provide services in a wide range of development and realisation focus and domestic production.



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PACEM CAPTEC VACUUM

**CUTTING-EDGE COLD ATMOSPHERIC
PLASMA DEVICE THAT IS TAKING THE
SCIENCE WORLD BY STORM**



PACEM CAPTEC VACUUM

Pacem CAPTEC is a state-of-the-art surface treatment system that utilizes plasma technology to provide superior cleaning and activation of surfaces. Here are some of the key features and benefits of Pacem CAPTECH:

- **Advanced plasma technology:** Pacem CAPTEC utilizes advanced plasma technology to provide superior surface treatment.
- **Customizable treatment parameters:** The system allows for customizable treatment parameters, including power, gas flow, and treatment time, to meet specific application requirements.
- **Easy to use:** The system is easy to use, with a user-friendly interface and intuitive controls.
- **Compact design:** Pacem CAPTEC has a compact design, making it easy to transport and install in various settings.
- **Low maintenance:** The system requires minimal maintenance, with long-lasting components and easy-to-replace consumables.

TECHNICAL DETAILS



Aluminium Chamber

Antimicrobial Stainless Steel case

High resolution 7" HMI - Microcontroller processor - Controllable Duty and Frequency

Easy to install and use
Connect to mains power

Rapid treatment times
High power impact enables treatment times from 20-240 seconds, depending on material

Process gas
Process gasses such as oxygen and argon can be used, but in most cases it is not necessary

Optimum adhesion properties
The system provides optimum adhesion properties for downstream coating, gluing, painting, and printing applications

TECHNICAL DETAILS

<u>Technical Specifications</u>	<u>Pacem CAPTEC</u>
Vacuum level	1-4 mbar
Temperature	25 - 40 °C
Main Voltage	110/220 AC - 50/60 Hz
Current	0-5 mA
Operating Frequency	100 Hz - 3 kHz
Duty Cycle	%1 - %100
High Voltage Scale (RMS) - Power	0-50 kV - 360 Watt
Plasma treatment time	10-360 seconds
Regulation compliance	CE - RoHS - ISO



OUR MARKET



Material Science and Defence tech



Semiconductor Manufacturing



Medicine and Biomedical Healthcare



Food Industry



Etching and Surface Modification



Agriculture



Örnekköy Mah. Baş Pehlivan Karaali Cad.
No:136 İç Kapı No:1 Karşıyaka/İZMİR

E-mail: info@pacemtech.com

Phone:+90 530 259 82 69