



# PRODUCT CATALOGUE 2009


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POLYMERISATION UNITS	
<p><b>IKOMAT I-75 (POL-IKT)</b></p> 	<p><b>Resin Pressure Polymerizer</b></p> <p>IKOMAT I-75 is a very high quality resin pressure polymerizer, with stainless steel housing and a robust duraluminium tank.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Pressure: 6 bar</li> <li>■ Operating voltage: 230V - 50Hz</li> <li>■ Power: 700W</li> <li>■ Tank dimensions: 11 x 12,8 cm</li> <li>■ Housing dimensions: 28 x 32 x 24 H</li> <li>■ Weight: 8 Kg</li> </ul>
<p><b>IKOMAX 100/101 (POL-IKM1 / POL-IKM2)</b></p> 	<p><b>Resin Pressure Polymerizer</b></p> <p>IKOMAX 100 / 101 is a high quality resin pressure polymerizer specially developed for repairs, rebasing, finishing, adding and pressure investing. With a high working pressure of maximal 6 bars, acrylics are cured with extremely high physical properties. It has a large tank allowing the placement of 1-2 flasks, articulator etc. It has a stainless steel structure and a duraluminium tank.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Versalite temperature and timer programme</li> <li>■ Working pressure: up to 6 bar</li> <li>■ Working temperature: 0 - 120 C</li> <li>■ Automatic safety pressure valve</li> <li>■ Automatic steam extraction on completion of program</li> <li>■ Manual water extraction</li> <li>■ Power supply: 230V - 50Hz</li> <li>■ Main power: 1000W</li> <li>■ Tank dimensions: 175 x 130 mm</li> <li>■ Housing dimensions: 33 x 33 x 25 H</li> <li>■ Weight: 13,5 Kg</li> </ul>

<p><b>HIDOR 12</b> (POL-HID)</p> 	<p><b>Polymerization Bath</b></p> <p>HIDOR 12 is a high quality product used for the polymerization of acrylics. It has a capacity of 6/12 flasks, and stainless steel housing.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Temperature : 0 - 100 °C</li> <li>■ Timer: 0 - 12 h</li> <li>■ Operating voltage: 230V - 50Hz</li> <li>■ Power: 2.000W</li> <li>■ Dimensions: 26 X 40.5 X 45.5</li> <li>■ Weight: 13 Kg</li> </ul>
<p><b>HIDOR 12 DIG</b> (POL-HIDD)</p> 	<p><b>Polymerization Bath</b></p> <p>HIDOR 12 DIG is a high quality product used for the polymerization of acrylics. It has a capacity of 6/12 flasks, and stainless steel housing.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ 1 program - 2 phases (each phase has 3 parameters)</li> <li>■ Temperature 0 - 100 °C</li> <li>■ Timer 0 - 78 h</li> <li>■ Operating voltage 230V - 50Hz</li> <li>■ Power 2.000W</li> <li>■ Weight 13 Kg</li> <li>■ Dimensions 26 x 40,5 x 45,5 H</li> </ul>
<p><b>LUX 4 (POL-LU)</b></p> 	<p><b>Photopolymerizator with 4 lamps</b></p> <p>LUX-4 is a light curing unit used for the production of base plates. Polymerization process is efficient and homogenous.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Adjustable timer 0 – 10 min</li> <li>■ Door safety micro switch</li> <li>■ Mirror for correct diffusion of light</li> <li>■ 4 UVA bulbs 9W</li> <li>■ Power supply 230V – 50Hz</li> <li>■ Main power : 36W</li> <li>■ Dimensions: 28 x 35 x 18 H</li> <li>■ Weight: 4.5 Kg</li> </ul>

**FURNACES (Stainless Steel Housing)**

<p><b>THERMO T1 DIG (FUR-T1)</b></p>	<p>Preheating Oven</p>
	<p>The preheating oven Thermo T1 offers excellent results. It has a stainless steel upper housing and a very good insulation offering high thermal production and lower electrical output. The chamber is encased in 2 fire resistant bricks with external elements for a long life cycle.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ 1 program - 2 phases</li> <li>■ 99 hours delay</li> <li>■ Door safety micro switch</li> <li>■ Programmable motorized fume extractor</li> <li>■ Temperature: 1.050 °C</li> <li>■ Power: 1.900W</li> <li>■ Voltage: 230V - 50Hz</li> <li>■ Chamber dimensions: 15x20x11Y</li> <li>■ Exterior dimensions: 32x40x45Y</li> <li>■ Weight 26 Kg</li> </ul>

<p><b>THERMO T10 DIG (FUR-T10)</b></p>	<p>Preheating Oven</p>
	<p>The preheating oven Thermo T10 DIG offers excellent results. It has a stainless steel upper housing and a very good insulation offering high thermal production and lower electrical output. The chamber is encased in 2 fire resistant bricks with external elements for a long life cycle.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ 10 programs - 4 phases</li> <li>■ 7 days delay</li> <li>■ Door safety micro switch</li> <li>■ Programmable motorized fume extractor</li> <li>■ Temperature: 1.050 °C</li> <li>■ Power: 1.900W</li> <li>■ Voltage: 230V - 50Hz</li> <li>■ Chamber dimensions: 15x20x11Y</li> <li>■ Exterior dimensions: 32x40x45Y</li> <li>■ Weight: 26 Kg</li> </ul>

MIXERS	
<p><b>MIXER 178</b> (MX-WH: White/ MX- SS: Stainless steel)</p> 	<p>Mixer with incorporated dry pump (bowl 600 cc included)</p> <p>Very powerful mixer equipped with a dry vacuum pump for homogenous mixing of plaster and investment materials. It has a stainless steel structure and it is equipped with a 600cc bowl 200cc bowl available upon request.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Timer: 0 - 120 sec</li> <li>■ Double protection filter for air intake</li> <li>■ Different switches for controlling mixing and vacuum operations</li> <li>■ Power supply: 230V - 50Hz</li> <li>■ Dimensions: 27 x 23 x 43 H</li> <li>■ Weight: 9 Kg</li> </ul>
<p><b>MIXER 400</b> MX-DI</p> 	<p>Mixer</p> <p>Extremely easy to operate, high efficient vacuum mixer 400 is ideal for mixing of all types of plaster investment material and silicones. It has 10 mixing programs totally defined by the user with 5 stages for each program: a)Pre-vacuum, b)Mixing time, c)Mixing speed, d)Interval time, e)Post vacuum. Stainless steel housing.</p> <p>200cc/1000cc/2000cc bowls, and ground base upon request.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Mixing speed 0-400 rpm</li> <li>■ Double twining chamber vacuum pump</li> <li>■ Double protection filter for air intake</li> <li>■ Powerful motor with high torque 12N/m</li> <li>■ Power supply: 230V - 50Hz</li> <li>■ Dimensions: 28.5 x 25.5 x 16 H</li> <li>■ Weight: 9 Kg</li> </ul>

SAND BLASTERS	
<p><b>ALLUMINA S</b> (S-ALS)</p> 	<p>Single sand blaster without cabin</p> <p>Single sand blaster without cabin</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Aluminium oxides 50 - 250 micro</li> <li>■ Pressure: 3 - 6 bar</li> <li>■ Weight: 3 Kg</li> </ul>
<p><b>ALLUMINA 2</b> S-AL2</p> 	<p>Double sand blaster</p> <p>The new micro sandblaster Allumina 2 is equipped with one of the most advanced sand blasting treatment system. A constant flow of sand is maintained, reducing the amount of sand required. The unit is particularly suitable for blasting before coating, polishing, and removal of oxide and ceramic residues after baking.</p> <p>The device has 2 blasting units</p> <ul style="list-style-type: none"> <li>▪ 25-50µ</li> <li>▪ 110-250µ</li> </ul> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Advanced sandblasting treatment system</li> <li>■ Aluminium oxides 25 - 250 micro</li> <li>■ Outlet tube for suction connection</li> <li>■ Working pressure: 1 - 6 bar</li> <li>■ Power supply: 230V - 50Hz - 9W</li> <li>■ Dimensions: 38 x 48 x 34 Y</li> <li>■ Weight: 14 Kg</li> </ul>
<p><b>ALLUMINA 3</b> S-AL3</p> 	<p>Triple sand blaster</p> <p>The new micro sandblaster Allumina 3 is equipped with one of the most advanced sand blasting treatment system. A constant flow of sand is maintained, reducing the amount of sand required. The unit is particularly suitable for blasting before coating, polishing, and removal of oxide and ceramic residues after baking.</p> <p>The device has 3 blasting units</p> <ul style="list-style-type: none"> <li>▪ 25-50µ</li> <li>▪ 50-110µ</li> <li>▪ 110-250µ</li> </ul> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Advanced sandblasting treatment system</li> <li>■ Aluminium oxides 25 - 250 micro</li> <li>■ Outlet tube for suction connection</li> <li>■ Working pressure: 1 - 6 bar</li> <li>■ Power supply: 230V - 50Hz - 9W</li> <li>■ Dimensions: 38 x 51 x 34 H</li> <li>■ Weight: 15 Kg</li> </ul>

<p><b>ALLUMINOX 2 /3</b> S-AX2 / S-AX3</p> 	<p>Double / triple sand blasters</p> <p>Identical operation with Allumina3 but with stainless steel housing.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Advanced sandblasting treatment system</li> <li>■ Aluminium oxides 25 - 250 micro</li> <li>■ Outlet tube for suction connection</li> <li>■ Working pressure: 1 - 6 bar</li> <li>■ Power supply: 230V - 50Hz - 9W</li> <li>■ Dimensions: 43 x 43 x 31 H</li> <li>■ Weight: 15 Kg</li> </ul>
<p><b>ALLUMINA D2</b> (S-AD2)</p> 	<p>Sand blaster (50-250mic) with 3mm recycling nozzle</p> <p>The Allumina D2 can be used simultaneously as a recyclable blaster for model casting technique and as micro sand blaster for precious metal technique. The device is delivered with 2 blasting units (50/250 microns)</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Compact design</li> <li>■ Optimal illumination</li> <li>■ Spacious blasting chamber</li> <li>■ Mobile jointed arm recycling nozzle</li> <li>■ Outlet tube for vacuum connection</li> <li>■ Air pressure regulator with air/oil filter</li> <li>■ Electrical outlet for vacuum</li> <li>■ Power supply: 230V - 50Hz - 9W</li> <li>■ Dimensions: 38 x 41 x 57 H</li> <li>■ Weight: 18 Kg</li> </ul>

<b>RECYCLING SANDBLASTERS</b>	
<p><b>AMMOS 2</b> (RS-AM)</p> 	<p>Sand blaster with 3 mm recycling nozzle</p> <p>The Ammos is suitable for the cleaning of the investment after the molding. It's has perfect results and it's ergonomically.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Power supply : 230V – 50Hz – 9W</li> <li>■ Chamber dimensions: 11 x 12,8 cm</li> <li>■ Dimensions: 33 x 42 x 42 H</li> <li>■ Weight: 17Kg</li> </ul>
<p><b>ALLUMINA D</b> (RS-AD)</p> 	<p>Sandblaster with 3 mm recycling nozzle</p> <p>The new generation model ALLUMINA D has outstanding blasting power, which can be adjusted with the use of a pressure regulator. Possibility of adding 2 extra blasting units for precious metal technique.</p> <p><b>Technical Specifications</b></p> <ul style="list-style-type: none"> <li>■ Compact design</li> <li>■ Spacious blasting chamber</li> <li>■ Optimal illumination</li> <li>■ Mobile jointed arm recycling nozzle</li> <li>■ Outlet tube for suction connection</li> <li>■ Electrical outlet for vacuum</li> <li>■ Air pressure regulator</li> <li>■ Power supply: 230V - 50Hz - 9W</li> <li>■ Dimensions 38 x 41 x 55 H</li> <li>■ Weight: 15 Kg</li> </ul>

SUCTION UNITS	
<p><b>DUSTVAC</b> (SU-DS)</p> 	<p>Suction Unit</p> <p>The portable aspirator DUSTVAC is a noiseless portable aspirator, ideal for best extraction results and maximum protection against hazardous microscopic dust. It has a very powerful motor with a speed adjusting control, suitable for working tables, sand blasters, dry trimmers etc. The large main dust filter is made from highly efficient material. Filter bags available upon request.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Special air outlet filter</li> <li>■ Triple protective filter</li> <li>■ Electronic output rheostat</li> <li>■ Output power 800W</li> <li>■ Power supply: 230V - 50-60Hz</li> <li>■ Dimensions: 33 x 34 x 26 H</li> <li>■ Weight: 13 Kg</li> </ul>
<p><b>DUSTVAC CONTROL</b> (SU-DC)</p> 	<p>Suction unit with mobile control</p> <p>Identical with model DUSTVAC but with a mobile control for work tables. Filter bags available upon request</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ <b>External control</b></li> <li>■ Special air outlet filter</li> <li>■ Triple protective filter</li> <li>■ Electronic output rheostat</li> <li>■ Output power: 800W</li> <li>■ Power supply: 230V - 50-60Hz</li> <li>■ Dimensions: 33 x 34 x 26 H</li> <li>■ Weight: 13 Kg</li> </ul>
<p><b>DUSTVAC DIG (SU-DD)</b></p> 	<p>Digital Suction Unit</p> <p>Identical with model DUSTVAC (manual) but with the ability to function simultaneously with any micro motor available on the market. Filter bags available upon request.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Special air outlet filter</li> <li>■ Triple protective filter</li> <li>■ Electronic programmed board</li> <li>■ Output power: 800W</li> <li>■ Power supply: 230V - 50-60Hz</li> <li>■ Dimensions: 33 x 34 x 26 H</li> <li>■ Weight: 13 Kg</li> </ul>

MODEL FINISHING	
<b>TRIMMERS 800W</b>	
<b>TRIMMER TRI (TR-WAT)</b> <b>TRIMMER TRI EXTRA (TR-WAEX)</b> <b>TRIMMER TRI DRY (TR-DRY)</b>	
	<p>These trimmers offer excellent results and high quality production. They are equipped with a powerful motor. Noise and vibrations free.</p> <p>3 versions available:</p> <ul style="list-style-type: none"> <li>▪ water-carborundum disk</li> <li>▪ water-diamond disk</li> <li>▪ dry-diamond disk</li> </ul> <p>(connectivity with suction units DUSTVAC)</p> <p>Diamond/Carborundum disks upon request.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Operating voltage: 230V - 50Hz</li> <li>■ Power: 800W</li> <li>■ Speed 1.400 rpm</li> <li>■ Weight: 17 Kg</li> </ul>
<b>DENTAL ARCH TRIMMER</b>	
<b>RUTEX (TR-RU)</b>	
	<p>Stainless Steel Dental Arch Trimmer with round or conical drill</p> <p>This unit is suitable for trimming interior and exterior parts of stone dental arches. Easy operation due to compact design.</p> <p>Total vibration free rotation.</p> <p>This device is delivered with round or conic fraise.</p> <p>Spare round and conic fraises upon request.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Drill diameter 6 mm</li> <li>■ Electrical outlet for vacuum</li> <li>■ Outlet tube for vacuum connection</li> <li>■ Power 360W</li> <li>■ Motor speed 2800 rpm</li> <li>■ 230 V - 50 Hz</li> <li>■ Dimensions 23 x25x30</li> <li>■ Weight 8 Kg</li> </ul>

**STEAM GENERATORS**

**ATMOS 5**  
(ST-AT5)

Powerful steam generator



Very powerful steam generator. Its compact design and ease of use makes it ideal for the use in dental laboratories for steam cleaning. No need for connection with water supply for operation.

Stainless steel boiler compatible with the international safety rules.

**Technical Specification**

- Boiler volume: 5 lt
- Pressure: 3,5 bar
- Power 1.500W
- Power supply: 230V - 50Hz
- Dimensions: 22 x 31 x 28 H
- Weight: 12 Kg

**CENTRIFUGES**

**CASTY IC**  
(CE-CAS)

Motor driven centrifuge for casting with blow torch bench type



Motor driven centrifuge for casting with blow torch for DEGUSSA type cylinders. It's the result of painstaking selection of materials and components, precision assembly and stringent finishing product testing.

**Technical Specification**

- Double position of arm
- Self breaking motor
- Free selection of speed adjuster and arm rotation
- Power supply: 230V - 50Hz
- Power 370W
- Dimensions: 65 x 57 x 32 H
- Weight: 40 Kg

**MILLING UNITS**

**MILLING UNITS (without set of keys)**

-3 colors available (RED/ BLUE / GREEN)-

*These high precision Milling units are simple and economical instrument for any type of dental milling by hand. They have a smooth running double jointed arm equipped with ball bearings, 360o rotation capability. High accuracy jointed parallelometer offers smooth running, maintenance, free guide rod is precisely pivoted with linear rotating ball bearing. Tree jaw precision chuck with clamping range of 0-4 mm.*

**K1**  
(MU-K1)

Milling unit with parallelometer



Option of attachment to all types of micromotor. Adjustable model holding plate and air system with reduction gear.

**Technical Specification**

- 24V halogen lamp
- Air system with reduction gear
- Dimensions: 25x30x30
- Weight: 20.50 Kg

**K**  
(MU-K)


Milling unit with parallelometer and micromotor locking module with micrometric vertical feed.





Adjustable model holding plate and air system with reduction gear.


**Technical Specification**

- Air system with reduction gear
- 24V halogen lamp
- Dimensions: 25x30x40
- Weight: 21.50 Kg

<p><b>KS</b> (MU-KS)</p>	<p>Milling unit with parallelometer, micromotor locking module with micrometric vertical feed and powerful micromotor</p>
	<p>Milling unit with parallelometer, micromotor locking module with micrometric vertical feed and powerful micromotor. Pneumatic locking model holding plate.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Micromotor: 100W / 1500-27000 rpm</li> <li>■ Operating voltage: 230V - 50Hz</li> <li>■ 24V halogen lamp</li> <li>■ Dimensions: 25x30x40</li> <li>■ Weight: 26 Kg</li> </ul>

<p style="text-align: center;"><b>PARALLELOMETER (without set of keys)</b></p>	
<p><b>K11</b> (MU-K11)</p>	<p>Modular Parallelometer with drill chuck</p>
	<p>High precision unit with double jointed arm. The smooth running and maintenance free guide rod is precisely pivoted with linear rotating ball bearing.</p> <p>Set of keys for chuck maintenance available upon request</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Three jaw precision chuck</li> <li>■ Clamping range of 0-4mm</li> <li>■ Adjustable model holding plate.</li> <li>■ Dimensions: 22 x 20 x 35 H</li> <li>■ Weight: 11 kg</li> </ul>

VIBRATORS	
<p><b>VIBRATOR V4 / V6 / V12</b> (VI-04 / VI-06 / VI-12)</p> 	<p>Powerful vibrators with electronic regulation</p> <p>Powerful vibrators used for vibrating, compacting investments, plasters etc. and eliminating air bubbles. Thanks to its electronic power regulator, vibration intensity can be altered continuously for a minimum to a maximum value.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Steel housing with baked-enamel finish</li> <li>■ Operating voltage: 230V - 50Hz</li> <li>■ Max absorbed power:                     <ul style="list-style-type: none"> <li>V4-&gt;100W</li> <li>V6-&gt;200W</li> <li>V12-&gt;350W</li> </ul> </li> <li>■ Rubber plate dimensions:                     <ul style="list-style-type: none"> <li>V4-&gt;15x15</li> <li>V6-&gt;22.5x14</li> <li>V12-&gt; 34x24</li> </ul> </li> <li>■ Housing dimensions:                     <ul style="list-style-type: none"> <li>V4-&gt;17x17x8.5</li> <li>V6-&gt;24x15.5x10</li> <li>V12-&gt; 35x25x13</li> </ul> </li> </ul>

MISCELLANEOUS	
<b>AEROTOUR</b>	
<p><b>AIR 1 (AE-A1)</b></p> 	<p>Control Unit AIR 1 without turbine</p> <p>With this air control unit the air flow is immediately operative on connection to a source of compressed air. By pressing the pneumatic pedal, regulated and filtered air is delivered to the turbine.</p> <p>Optional : TURBINE Bien Air TD 783</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Precision filter regulator</li> <li>■ Pressure gauge display</li> <li>■ Pneumatic pedal control</li> <li>■ Working pressure 2.5 bar max.</li> <li>■ Housing dimensions: 20 x 20 x 20 H</li> <li>■ Weight: 1.6 Kg</li> </ul>

<p><b>HYDRAULIC PRESS P3</b> (HP-P3)</p>	<p>For up to 3 flasks</p>
	<p>Hydraulic press P3 offers heavy duty usage due to its full cast metal structure. It doesn't require any particular maintenance operations other than normal cleanness, and is very easy to use.</p> <p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>■ Maximum capacity: 3 flasks + 1 bracket</li> <li>■ Pressure gauge with glycerin</li> <li>■ Force operation between 4000 and 7000 kg</li> <li>■ Housing dimensions: 21.5 x 19 x 47 H</li> <li>■ Weight: 23 Kg</li> </ul>

**TERMS & CONDITIONS**

All of our products are 100 % tested. JPD ensures that all equipment is of highest quality and produced with the highest standards.  
For any additional technical information, as well as for prices please contact JPD.