## (Plasma Surface Treatment) شرکت بهنورسازان مهیاد مشخصات انواع سیستمهای پلاسما - Low pressure plasma systems **BSM Co Ltd**

- Atmospheric plasma systems

| مدل<br>مشخصات   | Switch Cabinet W*H*D<br>(mm)<br>Weight (kg) | Plasma chamber<br>W*H*D<br>Volume : Litters                            | Gas<br>connection | Plasma<br>power supply | Electrodes and trys  | Electric Control   | Vaccme pump   |
|-----------------|---|--|-------------------|------------------------|--|--|---|
| Pico            | 550*330*500<br>30kg (without pump)          | Pico:Q150mmL320nm<br>PicoUHPQB0L300<br>Approx: 5/4 liter               | 2 Pcs             | 40KHz / 200W           | 1 Pc , electrode<br>1Pc , Tray   | Semiautomatic<br>Process timer   | 2.5m³/hr<br>Pump is able to run<br>with o <sub>2</sub>              |
| Femto           | 345*220*420<br>20kg (without pump)          | Q100mm , L270nm<br>2 liters  | 1 Pc              | 40KHz / 100W           | 1 Pc, electrode<br>1Pc, Tray   | Semiautomatic<br>Process timerr  | 1.5 m <sup>3</sup> /hr  |
| Nano            | 580*650*600<br>45kg                         | Nano: Q267 , L420mm<br>Nano UHP:Q240m L400mm<br>24 litters / 18 liters | 2 Pcs             | 40KHz / 300W           | 1 Pc , electrode<br>1Pc , Tray   | Semiautomatic<br>Process<br>timer  | 8m <sup>3</sup> / hr<br>Pump is able to<br>Run with o <sub>2</sub>  |
| Tetra 8         | 600*600*600<br>50kg                         | 160*160*320<br>8 liters  | 2 Pcs             | 40KHz / 300W           | 1 Pc , electrode<br>1Pc , Tray   | Semiautomatic<br>Process timer   | 4m³ /hr<br>Pump is able to run<br>with o <sub>2</sub>               |
| Tetra 30-LF     | 600*1800*800<br>250kg                       | 305*300*370<br>33 liters   | 2 Pcs             | 40KHz<br>0-1000W       | The machine can be Equipped with 1t0 8 Goods-carriers/electrodes Optionally with a rotary Drum | Semiautomatic<br>Process timer   | 16m <sup>3</sup> / hr<br>Pump is able to run<br>with o <sub>2</sub> |
| Tetra 50-LF     | 600*1800*800<br>250kg                       | 305*300*625<br>57 liters   | 2 Pcs             | 40KHz<br>0-1000W       | The machine can be Equipped with 1t0 8 Goods-carriers/electrodes Optionally with a rotary Drum | Semiautomatic<br>Process timer   | 16m <sup>3</sup> / hr<br>Pump is able to run<br>with o <sub>2</sub> |
| Tetra 30-LF-PC  | 600*1800*800<br>250kg                       | 305*300*625<br>57 liters   | 2 Pcs             | 40KHz<br>0-1000W       | The machine can be Equipped with 1t0 8 Goods-carriers/electrodes Optionally with a rotary Drum | The pc control is based On an Ms windows computer With an industrial field bus | 16m <sup>3</sup> / hr<br>Pump is able to run<br>with o <sub>2</sub> |
| Tetra 50-LF-PC  | 600*1800*800<br>250kg                       | 305*300*625<br>57 liters   | 2 Pcs             | 40KHz<br>0-1000W       | The machine can be Equipped with 1t0 8 Goods-carriers/electrodes Optionally with a rotary Drum | The pc control is based On an Ms windows computer With an industrial field bus | 16m <sup>3</sup> / hr<br>Pump is able to run<br>with o <sub>2</sub> |
| Tetra 100-LF    | 1000*1800*1000<br>300kg                     | 400*400*625<br>100 liters  | 2 Pcs             | 40KHz<br>0-2500W       | The system can be Equipped with 1t016 Goods-carriers/electrodes Optionally with a rotary Drum  | Fully Automatic , process time by timer  | 40m <sup>3</sup> / hr<br>The pump can be<br>run with o <sub>2</sub> |
| Tetra 150-LF    | 1000*2400*1000<br>300kg                     | 400*400*625<br>150 liters  | 2 Pcs             | 40KHz<br>0-2500W       | The system can be Equipped with 1t016 Goods-carriers/electrodes Optionally with a rotary Drum  | Fully Automatic , process time by timer  | 65m <sup>3</sup> / hr<br>The pump can be<br>run with o <sub>2</sub> |
| Tetra 100-LF-PC | 1000*1800*100<br>300kg                      | 400*400*625<br>100 liters  | 2 Pcs             | 40KHz<br>0-2500W       | The system can be Equipped with 1t016 Goods-carriers/electrodes Optionally with a rotary Drum  | The pc control is based On an MS windows computer With an industrial field bus | 40m <sup>3</sup> / hr<br>The pump can be<br>run with o <sub>2</sub> |
| Tetra 150-LF-PC | 1000*2200*1000<br>300kg                     | 400*400*625<br>150 liters  | 2 Pcs             | 40KHz<br>0-2500W       | The system can be Equipped with 1t016 Goods-carriers/electrodes Optionally with a rotary Drum  | The pc control is based On an MS windows computer With an industrial field bus | 65m <sup>3</sup> / hr<br>The pump can be<br>run with o <sub>2</sub> |
| PLASMABEAM      | Supply Unit<br>562*211*420mm<br>20Kg        | Plasma Unit:<br>Diamter:32mmL:210mm,                                   |                   | 20KHZ<br>300W          |  | Manual Mode<br>Semiautomatic   |   |