**ECOPRESS 102**

**Programmable Automatic Mounting Press**

7" HMI touch screen control, with Siemens PLC control unit, programmable with colored LCD display, program based mounting sequences, electro hydraulic pressure (requires no air), pressure up to 300 bar, temperature up to 2000C, operation time up to 35:00 minutes, short cycle time, thermostatically controlled heating power of 1650W, automatic cooling cycle with three modes of cooling rates(standard cooling, slow cooling and based on time), programmable preheating and preloading, stand-by temperature, selectable mould sizes from 25 mm to 50 mm, easy to close bayonet closure, audible warning  signal, ready for operation. 230 V, 1-phase, 50/60 Hz. Mould assemblies are ordered separately.
Includes a standard set of mounting consumables composed of
3 different hot mounting compounds; 1 kg of each and a total of 3 kg.

**Technical Specifications**



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| **ORDER NO** | **25 07** |
| **MODEL NO** | **ECOPRESS 102** |
| **Max. Pressure, bar** | 300 |
| **Max. Temperature, C** | 200 |
| **Heating Power, W** | 1650 |
| **Water Cooling** | Yes |
| **Slow Cooling** | Yes |
| **Operation** | Programmable/Hydraulic |
| **Display** | 7” HMI touch screen LCD |
| **Mould Assembly, mm** | 25-50 |
| **Size W x D x H, (cm)** | 36x 55x 48 |
| **Weight, (kg)** | 38 |

**Accessories**

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| **Mould Assemblies** |
| **26 01-03** | Mould assembly, Ø1" with intermediate ram |
| **26 02-03** | Mould assembly, Ø1 1/4" with intermediate ram |
| **26 03-03** | Mould assembly, Ø1 1/2" with intermediate ram |
| **26 07-03** | Mould assembly, Ø2" with intermediate ram |
| **26 04-03** | Mould assembly, Ø25 mm with intermediate ram |
| **26 05-03** | Mould assembly, Ø30 mm with intermediate ram |
| **26 06-03** | Mould assembly, Ø40 mm with intermediate ram |
| **26 08-03** | Mould assembly, Ø50 mm with intermediate ram |
| **26 11-03** | Mould assembly, Ø1" with chamfered bottom ram and intermediate ram |
| **26 12-03** | Mould assembly, Ø1 1/4" with chamfered bottom ram and intermediate ram |
| **26 13-03** | Mould assembly, Ø1 1/2" with chamfered bottom ram and intermediate ram |
| **26 17-03** | Mould assembly, Ø2" with chamfered bottom ram and intermediate ram |
| **26 14-03** | Mould assembly, Ø25 mm with chamfered bottom ram and intermediate ram |
| **26 15-03** | Mould assembly, Ø30 mm with chamfered bottom ram and intermediate ram |
| **26 16-03** | Mould assembly, Ø40 mm with chamfered bottom ram and intermediate ram |
| **26 18-03** | Mould assembly, Ø50 mm with chamfered bottom ram and intermediate ram |
|   |   |
| **Accessories for ECOPRESS** |
| **GR 1363** | Recirculating Coolant System |
|   | composed of 40 liters stainless steel cooling tank,  |
|   | 24V recirculating pump and connection hoses, etc. |
| **29-601** | Stainless steel clips (100 pcs) |
| **29-602** | Plastic clips (100 pcs) |
| **29-603** | Plastic multi-clips for 6 specimens (50 pcs) |
|   |   |
| **GR 1397-00** | Water Filtering and Pressure Regulator System for city water inlet. |
|   | Keeps the water pressure at the appropriate level and protects from sudden  |
|   | pressure spikes. Filtering out impurities in the water and prevents calcification. |
| **YM 3824-00** | Spare Siliphos Cartridge Filter |
|   | (for Water Filtering and Pressure Regulator System (GR 1397-00)) |
|   |   |
| **Spare Part Kit for ECOPRESS** |
| **GR 1967** | Recommended Set of Spare Parts, ECOPRESS Series |
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**Consumables**

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| **Hot Mounting Powder** |
| **BAK-B** | **29-001** | Black Phenolic Powder, 1 kg. |
| **BAK-B** | **29-001/10** | Black Phenolic Powder, 10 kgs |
| **BAK-B** | **29-001/20** | Black Phenolic Powder, 20 kgs |
| **BAK-R** | **29-002** | Red Phenolic Powder, 1 kg |
| **BAK-R** | **29-002/10** | Red Phenolic Powder, 10 kgs |
| **BAK-R** | **29-002/20** | Red Phenolic Powder, 20 kgs |
| **BAK-S** | **29-003** | Light Brown Phenolic powder, 1 kg |
| **BAK-S** | **29-003/10** | Light Brown Phenolic powder, 10 kgs |
| **BAK-S** | **29-003/20** | Light Brown Phenolic powder, 20 kgs |
| **NET** | **29-010** | Transparent Acrylic Powder, 1 kg |
| **NET** | **29-010/10** | Transparent Acrylic Powder, 10 kgs |
| **EPO** | **29-011** | Epoxy, Hard 1 kg |
| **EPO** | **29-011/10** | Epoxy, Hard, 10 kgs |
| **DAP** | **29-012** | Diallyphtalat, 1 kg |
| **DAP** | **29-012/10** | Diallyphtalat, 10 kgs |
| **CON** | **29-013** | Conductive Bakelite powder, 0.5 kg |
| **SMOOTH** | **29-099** | Mould Release Spray Can, 400 ml |

**Features**

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| Fast, Simple and Reliable Operation! |   | Double Click System |   | Powerful and Realible Heating System |
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|  |   |  |   |  |
| Advanced Mounting Features With Touch Screen |   | Double the Capacity With Intermediate Rams |   | Improved Operator Safety |