CE

SANDBLASTER

BASE MATIC

🕮 USER AND MAINTENANCE MANUAL

dentalfarm
DENTAL EQUIPMENT SINCE 1972

1. GENERAL DESCRIPTION

DENTALFARM BASE MATIC sandblaster has been engineered to remove investment particles and casting oxidations on framework prosthesis with fully automatic operating cycle, specifically for use in the dental laboratories. This blaster can also carry out general blasting procedures on homogeneous pieces in the Mechanical, Gold and Jewellery fields.
BASE MATIC is fully equipped and works under the highest safety conditions.
The best advantage offered by this machine is the high productivity level assured by the large rotating basket offering the possiblity to work indipendently without the supervision of the technician.
Great importance has been given to the adoption of two different abrasive propelling units:
- the fixed projector positioned towards the area of the basket where the pieces to be blasted accumulate during rotation (to be used in the automatic cycle);
- the movable projector, which can be easily grasped, intended for manual blasting.

The sandblasting process originates toxic dust which in no way must be inhaled by the Technician; for this reason, DENTALFARM has developed the patented built-in water-recirculation W.A.FI.S. Filtering System which virtually eliminates airborne dust thanks to the combined action of water and air pressure. The system will be automatically operating as the automatic cycle starts.

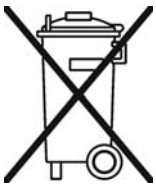
2. TECHNICAL REFERENCE REGULATIONS AND TEST PROCEDURES

The sandblaster is mass-manufactured by DENTALFARM in compliance with technical and safety rules in force, as provided for by the2006/42 EEC Community Directive on machinery.

Careful inspection and full routine testing is carried out singularly on each machine which is furtherly tested by an automatic test installation assuring compliance with the fixed limits.

3. DEMOLITION AND WASTE DISPOSAL

According to International regulations, this unit has been classified as AEE (electric and electronic device, whose correct operation depends on electric currents and electromagnetic fields) and as a consequence, at the end of its lifetime, it can not be treated as normal waste material but it must be disposed separately, complying with the Directive 2002/96/CE.



4. INSTALLATION INSTRUCTIONS

/!\ CAUTION	Installation of this machine is quite easy but it must be carried out paying utmost attention in order to avoid any mistake which may originate problems during operation, inconvenience or even damages.

1. Place the machine, having considerable weight and size, on the work bench: it is important that the bench is stable and strong enough to hold this sturdy machine safely. Let sufficient distance (10 cm) on the right side of the machine for connections.
2. Screw the pipe-fitting supplied with to the quick clutch, connect pneumatic feeding pipe in polyethylene or rilsan having diameter ∅ 8x6 (if necessary, the rubber feeding pipe ∅ 12x6 delivered with the pipe-fitting can be used) and press to introduce it on the male piece on the right side of the machine.
3. Adjust pressure flow by using the reduction unit ideally positioned inside the working chamber, usually a pressure of 6 BAR is used; turn clockwise to increase or counterclockwise to decrease.
4. Plug the electrical cable into the socket located at the base of the unit and connect to a homologated 220v AC - 50 Hz earthed electrical socket.
5. Install the desired extraction system: integrated WAFIS, PRO-3 extractor, or any other system.

- The built-in WAFIS is to be mounted on the top right side of the machine: unscrew the 4 screws fixing the black manifold and mount the WAFIS system, unscrew the cap and replace it with the delivered pipe-fitting; connect with the corresponding pipe portion and plug in the power supply cable.
- PRO-3 can be connected by inserting the extraction pipe into the black connection inlet.
- Any other suction systems can be easily connected to the black connection inlet by means of flexible piping; the smaller manifold is suitable for pipe ∅ 30mm, the bigger manifold for ∅ 40mm pipe.

6. Adjust the air flow to avoid the machine being under pressure. Slightly turn the mobile section of the adjusting valve when the suction system is on and stop when you notice that the gloves are still slightly inflated.
7. Lift the cover and fill the feedbox placed under the slag filtering grate with 8/10 kg of the most suitable corundum according to the metal to be treated (refer to the table printed both for suggested type of abrasive, working pressure and nozzle).

Name	Code	Description
CROMCOR	**AP036**	brown corundum grainsize 36 (μ 500 appr.) for chrome-cobalt (may be used with standard nozzle ∅ 3,5)
OROCOR	**AP046**	white corundm grainsize 46 (μ 350 appr.) for non-precious alloys (may be used with nozzle ∅ 3,0 upon request)
SUPERCOR	**AP060**	white corundm grainsize 60 (μ 250 appro.) for precious alloys (may be used with nozzle ∅ 3,0 upon request)
OROBLAST	**AP300**	glass-beads μ 200 - for the satin-finishing of any metal (may be used with nozzle ∅ 3,0 upon request)

5. INSTRUCTIONS FOR AUTOMATIC USE

- Press main switch (ON): the light is on and tension is distributed to the whole machine.
- Set the blasting time under the jet of abrasive (ideal 10/15 minutes), turn the timer knob clockwise (if the preset time fully suits with the working requirements, it remains steadily preset and further on it will not be necessary to repeat this operation).
- Open the viewing glass and place the parts to be blasted inside the rotating basket; in case you do not need to blast the minimum quantity of 5-6 pieces representing the lowest load, we recommend to fill the basket with some moulds in order to compensate the correct volume under the abrasive jet.
- Close and lock the window.
- Press the cycle start switch. 
  The basket starts to spin overturning the pieces placed inside; the fixed nozzle (65) sucks up the corundum from the feedbox which is then projected under pressure. At same time, the filtering system literally clears out the working chamber from the suspended dust particles originated during the blasting procedure and conveys them in the collection can.
  When the ending preset time is approaching, about one minute before, both the basket and the blasting will stop, but the suction system will continue to operate in order to eliminate even the smallest dust residuals still left in the working chamber.
- At the end of the automatic cycle, before you open the door, it is advisable to check the blasted pieces and eventually give the finishing touch with the manual function.

NOTE	The optimum yield (homogeneity of the treatment) can be obtained only when using pieces which can easily overturn, namely pieces which cannot hook one to each other and which will not follow the rotating movement of the basket. As a consequence, it could be possible, as already mentioned, to find some surfaces which have not been perfectly blasted above all in internal, hidden or undercut pieces; in such a case, finish up with the manual blasting projector.

6. INSTRUCTIONS FOR MANUAL USE

- Press main switch thus automatically operating the suction and filtering system which evacuates the working chamber from the dust particles originated during the blasting procedure.
- Introduce the pieces to be blasted inside the working chamber.
- Prepare to operate under the manual projector.
- Select the manual blasting projector by turning the selector switch on the yellow position.
- Operate the foot control.
- It is also possible to clean the blasted pieces by means of the air blowing nozzle conveniently located inside the working chamber.

7. INSTRUCTIONS FOR USE OF MICROBLASTING TANKS

EASY microblasting tanks shall be prepared for use with the appropriate grainsize. Prepare them as follows:

- Unscrew the upper cap and fill in the containers (green cap: Aluminium Oxide, white cap: glass microbeads). Dentalfarm abrasive media are strongly recommended. Close the tank.

NOTE	Strictly observe the specifications of use according to the nozzle diameter and the grainsize of the abrasive media.

Strictly observe the following parameters, based on the abrasive grainsize.				
TREATMENT	**TANK (dosing system)**	**RECOMMENDED ABRASIVE**	**NOZZLE DIAMETER**	**PRESSURE**
Surface roughness on metals for composites	**A1072G (coarse)**	**AP-060** Orange label **(AL_2O_3 60 - 250μ)**	**2,0 mm** (RMN046)	4 BAR
Surface roughness on metals for composites	**A1072M (medium)**	**AP-120** Pink label **($AL_2O_3$120 - 105μ)**	**1,2 mm** (RMN043)	3/4 BAR
Surface roughness on metals for ceramic or resin	**A1072M (medium)**	**AP-150** Green label **($AL_2O_3$150 - 95μ)**	**0,8 mm** (RMN044)	3/5 BAR
Surface roughness on metals for ceramic	**A1072M (medium)**	**AP-180** Red label **($AL_2O_3$180 - 80μ)**	**0,8 mm** (RMN044)	3/5 BAR
Sculpture on ceramic	**A1072S (fine)**	**AP-270** Yellow label **($AL_2O_3$270 - 50μ)**	**0,5 mm** (RMN045)	3/5 BAR
Satin-finishing on any type of metal	**A1072M (medium)**	**AP-090 MICROBLAST** White label	Higher precision **0,8mm** Higher speed **1,2 mm**	3/4 BAR 4/5 BAR

A longer nozzle with ∅ 0,8 mm size (RMN044L) is available on request to carry out cleaning operations on ceramic prosthesis without metal support.

/!\ WARNING:	Very fine abrasives are highly sensitive to moisture and must be stored in a dry place, after the can has been accurately sealed and the antimoisture packet has been duly introduced into the can (if needed, replace them periodically). When filling the abrasive containers, check the condition of the abrasive product; if the moisture rate is too high (bad flowability and presence of clots) it is recommended to heat the abrasive in order to allow it to dry up completely. It is also of utmost importance to check the condition of the compressed air which in no way must contain evidence of moisture or of any polluting agents (oil, grease or rust).

When the unit is ready to operate with finishing tanks, proceeds as follows:

- Press main switch.
- Introduce the pieces to be blasted inside the working chamber.
- Take the desired microprojector from its holder.
- Select the blasting tank you would like to work with by turning the selector switch on the corresponding coloured position.
- Operate the foot control
- It is also possible to clean the blasted pieces by means of the air blowing nozzle conveniently located inside the working chamber.

8. MAINTENANCE

Sandblasting machines are equipped with lots of parts subject to wear, caused by the steady passage of abrasive products; instructions for a careful maintenance of the machine as well as the operations to replace the damaged or worn out parts are specified herewith.

/!\ CAUTION:	Before carrying out any maintenance operation inside the connections (rear panel or control panel) disconnect wiring and pneumatic feeding. If you have any doubts, difficulties or any possibility of mistake, contact our Technical Service to avoid any risks or damages.

Cleaning of the 5my filter

A 5my filter, mounted on the right side of the sandblaster, prevents fine dust from damaging internal components. Remove the inspection cap every 2-3 months and blow the filter with compressed air to clean it from dust sediment.

Cleaning of the WAFIS filtering system connected to the machine

To ensure that the suction and filtration system remains efficient, it is necessary to clean the depressor regularly, on a daily basis, with the cleaning swab after the inspection cap has been removed and provided the depression system is operating.

Replacement of blasting nozzle

The tungsten nozzle, even if made of tungsten carbide known as very hard material, will inevitably wear out due to the continuous flow of abrasive and will therefore need to be replaced. Remove the complete nozzle-holder and insert a new one in the same position; be careful that it fully enters the hole until it is on the same level.

Glove replacement

To replace the gloves, unscrew the flange fixing screws and fit a new pair in its seat.

Lamp replacement

To replace the lamp, remove the plastic screen (simply bend and pull) and gently remove leftwards.

Abrasive replacement

As the jet polishing effect weakens, replace worn out abrasive now mixed with too many investment particles. Open the door , move the machine forward, unscrew the fixing knobs to move the slag filtering grate, remove cap at the bottom of working chamber and let abrasive flow in a proper collection container.

Replacement of the rotating basket
If, after many working cycles, the rotating basket is pierced, to replace it remove the fixed projector from its support, take away the shaft fixing nut (placed at the centre of the basket) and remove it. After this operation, it will be absolutely necessary to clean accurately the bearing support and eventually replace the seal joint.
Replacement of microblasting nozzles
Nozzles of the microblasting tanks are also subject to wear and need to be replaced. To do this, unscrew the ring nut and assemble the new nozzle.
Replacement of parts subject to wear (pipe, pipe-fittings, microprojector body)
The polyurethan pipe, the connection fitting and the microprojector body where abrasive flows will inevitably wear out and need to be replaced regularly. To replace the microprojector body, follow the same instructions specified for the nozzle; to replace pipes or pipe-fittings, capsize the unit and work under the container. It is also possible to disconnect each tank for easier operation, simply unscrewing the nuts fixing it to the housing.
Replacement of tank internal components
Should it be necessary to replace the tank internal components like joints, air injectors, abrasive outlet pipe, please contact our Technical Service.
Installation of a microblasting tank
The new tank units have been studied to facilitate your task during installation and removal.
1. Unscrew the rear panel
2. Unscrew the closing plate (use a lever on the side and turn)
3. Insert the new tank into the seat and fix it.
4. Connect one end of the feeding pipe to the free fitting on the free fitting of the selector switch (verify the corresponding colour on the label located inside the working chamber) and the other end to the inlet fitting (the one with the metallic locking nut).
5. Lead the cable into the working chamber through the protection sheath and connect it to the pipe-fitting under the container (blue plastic ring).

9. TROUBLESHOOTING

Problem: **THE MACHINE DOES NOT START**	
Possible cause	**Remedy**
Lack of tension	Check: - magnetothermic switch, socket feeding switch and fuses of the feeding board
Lack of distribution in the machine	Check: - ground socket connections, network fuse. Should this irregularity repeat, contact our TECHNICAL SERVICE.

Problem: **NO LIGHTING**	
Possible cause	**Remedy**
Bad electrical connection	Check that the electrical plug is correctly plugged in.
Lamp is burnt	Replace as described in chap. MAINTENANCE
Switch is damaged	Check the connections and operation (some dust could have entered inevitably oxidizing and seizing up contacts). Try to blow compressed air and eventually replace.

Problem: **AIR IS LACKING**

Possible cause	Remedy
Bad pneumatic connection	Check connection to the compressor.
Internal pipes are clogged	Check connections and condition of pipes up to the outlet end (nozzles).
Air filter is clogged	Check and ev. disassemble the moisture collection glass and replace the internal filtering element.

Problem: **SANDBLASTING IRREGULARITIES (when removing investment)**

Possible cause	Remedy
Compressor capacity is not sufficient	Check compressor features: the minimum capacity must be of at least 200 liters per minute (to assure steady power) and a tank of 100 liters (to assure autonomy).
Pressure is not suited to the metal to be treated	Comply with references indicated in the table printed on the machine.
Abrasive is not suited	Proceed as above.
Abrasive is worn out	Replace
Tungsten nozzle is not suited to the abrasive grainsize or it is clogged.	Refer to the table and eventually replace.

Problem: **SPRAYING NOZZLE DISPENSES ONLY AIR, NO ABRASIVE**

Possible cause	Remedy
Tungsten nozzle is worn out	The original internal diameter is 3,5 mm: if too enlarged by abrasive flow, replace it.
Wrong position of nozzle thus preventing to suck up the abrasive.	The nozzle is correctly positioned only when it comes out completely from rubber nozzle-holder.

Problem: **NO AIR COMES OUT FROM THE PROJECTOR**

Possible cause	Remedy
The internal projector nozzle is clogged.	Remove the closing cap and clean the injector
Sandblasting electrovalve is clogged.	Close the air inlet, remove the spool and the kernel to clean.

Problem: **NOZZLE-HOLDER CAP COMES OUT DURING SANDBLASTING**

Possible cause	Remedy
Both pipes and nozzle are clogged	Stop up the end of the nozzle and push foot-control; operating air flow will thus be inverted eliminating any residuals. Should this irregularity repeat too often, replace the abrasive mixed with investment slags.

Problem: **LOSS OF AIR AT THE INSIDE**

Possible cause	Remedy
Discharge filter from condensation.	Condensation discharge is carried out by lifting the floating ball; bear in mind that you need sufficient pressure to allow the valve to close.
Some of the internal pipes are not duly assembled.	Check: polyethylene pipes may not be perfectly calibrated, try to cut a small piece from one end and introduce it in the pipe-fitting; eventually replace.

Problem: **DUST COMES OUT FROM THE GLASS WINDOW**

Possible cause	Remedy
Joint is not perfectly airtight	Check plan of the sheet body and pressure on the door by the closing dowel.

Problem: **DUST COMES OUT FROM THE SANDBLASTER**

Possible cause	Remedy
Depressor is clogged	Switch on the depression system, remove the inspection cap, introduce the cleaning swab and make it slide down and upwards to eliminate any residuals. It may be also necessary to clean the connecting area between the working chamber and the depressor.
Depressor nozzles are dirty or clogged	Take away the air inlet nozzle and clean it with an appropriate tool. Repeat this operation with the air nozzle and introduce it onto its seat paying attention that the side opening is connected with the water inlet.
Water filter is clogged	Replace.
Suction system filter bag clogged	Replace.

Problem: **THE BLASTING JET IS UNSTEADY**

Possible cause	Remedy
Nozzle is clogged or worn out.	Unscrew nozzle fixing nut, clean both the hole and microprojector components (especially the thread) - re-assemble. If necessary, replace the damaged parts.
Microprojector feeding pipe is worn out, bent or clogged	If the pipe is worn out or bent, replace it. If it is clogged, disassemble the nozzle and let air come out.
The abrasive mixture is too rich in aluminium oxide, i.e. loss of sharpness	Abrasive container is overfilled, discharge it. Pipe bending under the containers may collect abrasive at the end of the work, when the valve releases pressure; it is possible to limit this reaction reducing pipe bending.
Damp aluminium oxide causing bad flowing.	Empty the tank, possibly disconnect it from the machine and turn it upside down, blow with clean air in order to dry up all the internal pipings, then heat and dry up the abrasive product and fill in again.
Compressed air filled with condensation or oily particles.	Fine abrasive compounds are particularly sensitive to moisture and, as mechanic pickling agents, they capture polluting agents. Therefore it is important to protect the efficiency of the product installing adequate filtering and drying systems on the air installation.
Grainsize of the aluminium oxide is not compatible with the abrasive metering system inside the container.	Verify compliance with the indications printed on the tank label and with the comparative tables (abrasive grainsize / nozzle diameter / internal dosing system).
The blasting jet is not efficient	Unsufficient pressure. The 5my filter is clogged, unscrew the inspection cap and clean it. The solenoid valve is dirty: get in touch with Dentalfarm Technical Dept.

Problem: **ABRASIVE TANK IS NOT UNDER PRESSURE**

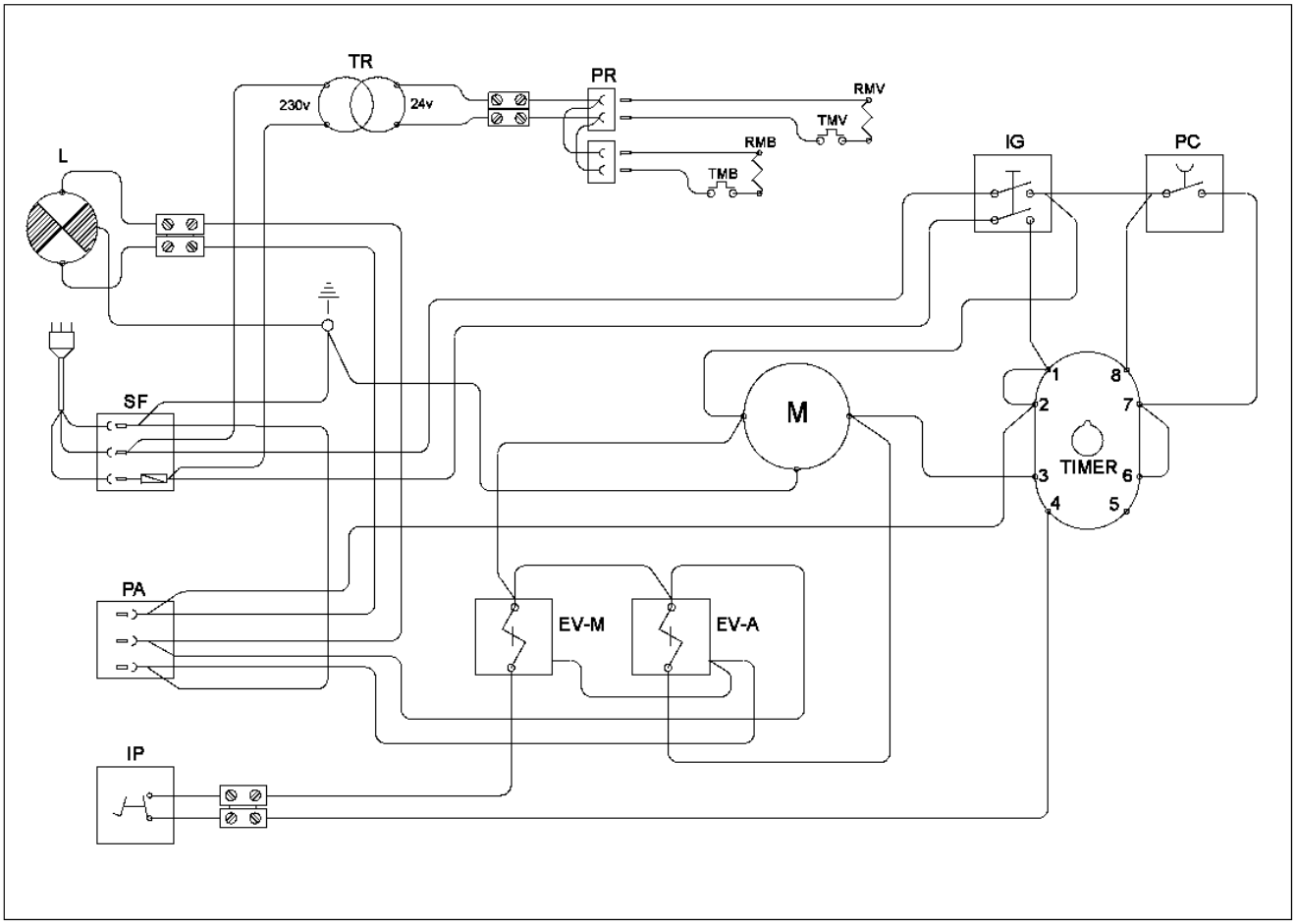
Possible cause	Remedy
Joints are not perfectly airtight	Check whether cap is correctly tightened. Disconnect the container from the machine, disassemble and clean.

Problem: **NO ABRASIVE COMING OUT, INTERNAL LEAKAGE.**

Possible cause	Remedy
Worn pipe-fittings or punched microprojector pipe.	The components of the circuit located after the tank - in which the abrasive circulates - are subject to wear. It is recommended to prevent any possible break by replacing these components each 6-12 months, according to the workload.

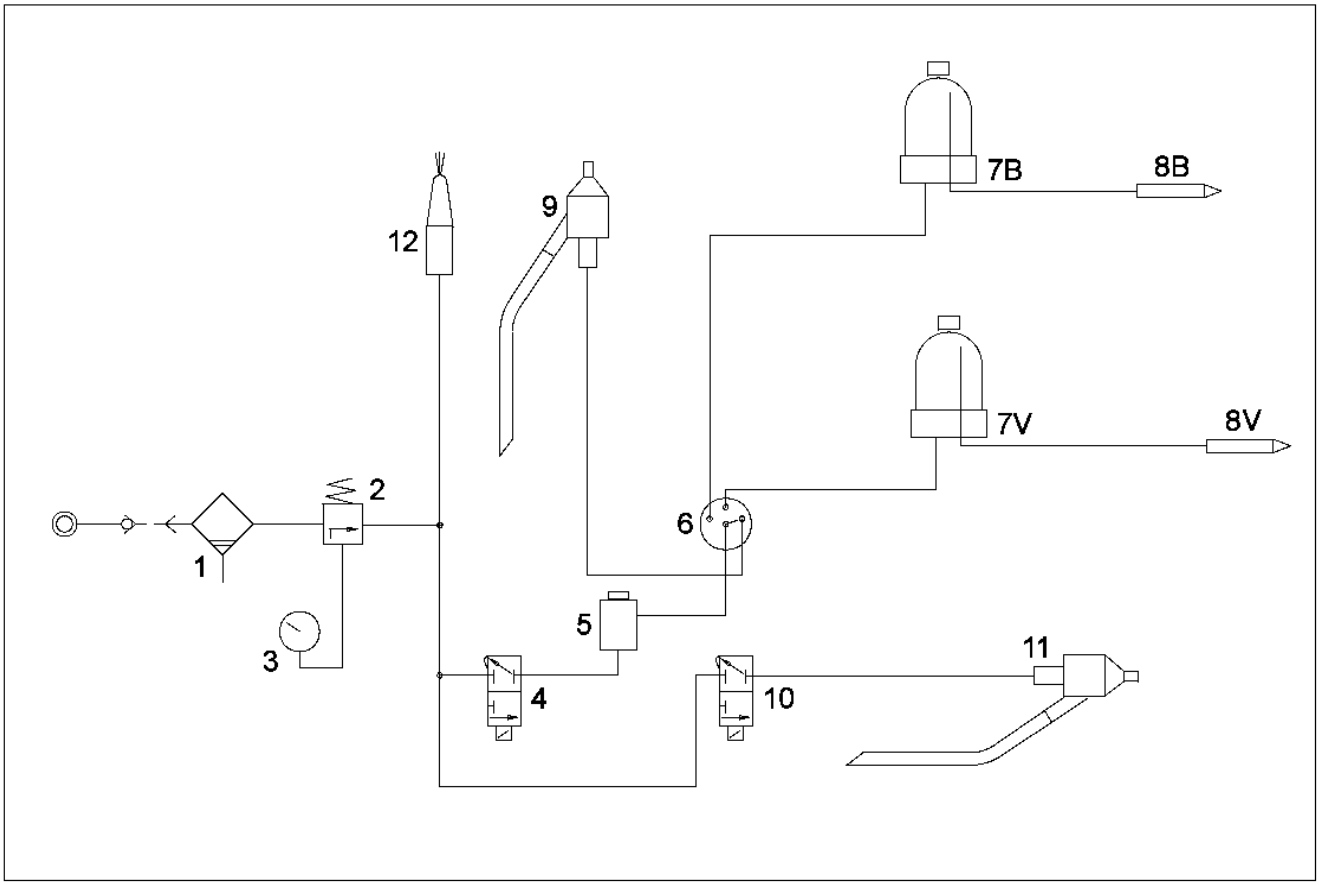
10. WIRING DIAGRAM

NO.	DESCRIPTION
SF	PLUG AND FUSEHOLDER UNIT (3.15Amp)
IG	MAIN SWITCH
PC	CYCLE START KEY
L	COMPACT FLUORESCENT DULUX LAMP 9W
PA	SUCTION UNIT CONNECTION
EV-M	3-WAY-SOLENOID VALVE – MANUAL BLASTING
EV-A	3-WAY-SOLENOID VALVE – AUTOMATIC BLASTING
IP	ELECTRIC FOOT CONTROL
M	GEAR MOTOR
TIMER	TIMER SOCKET



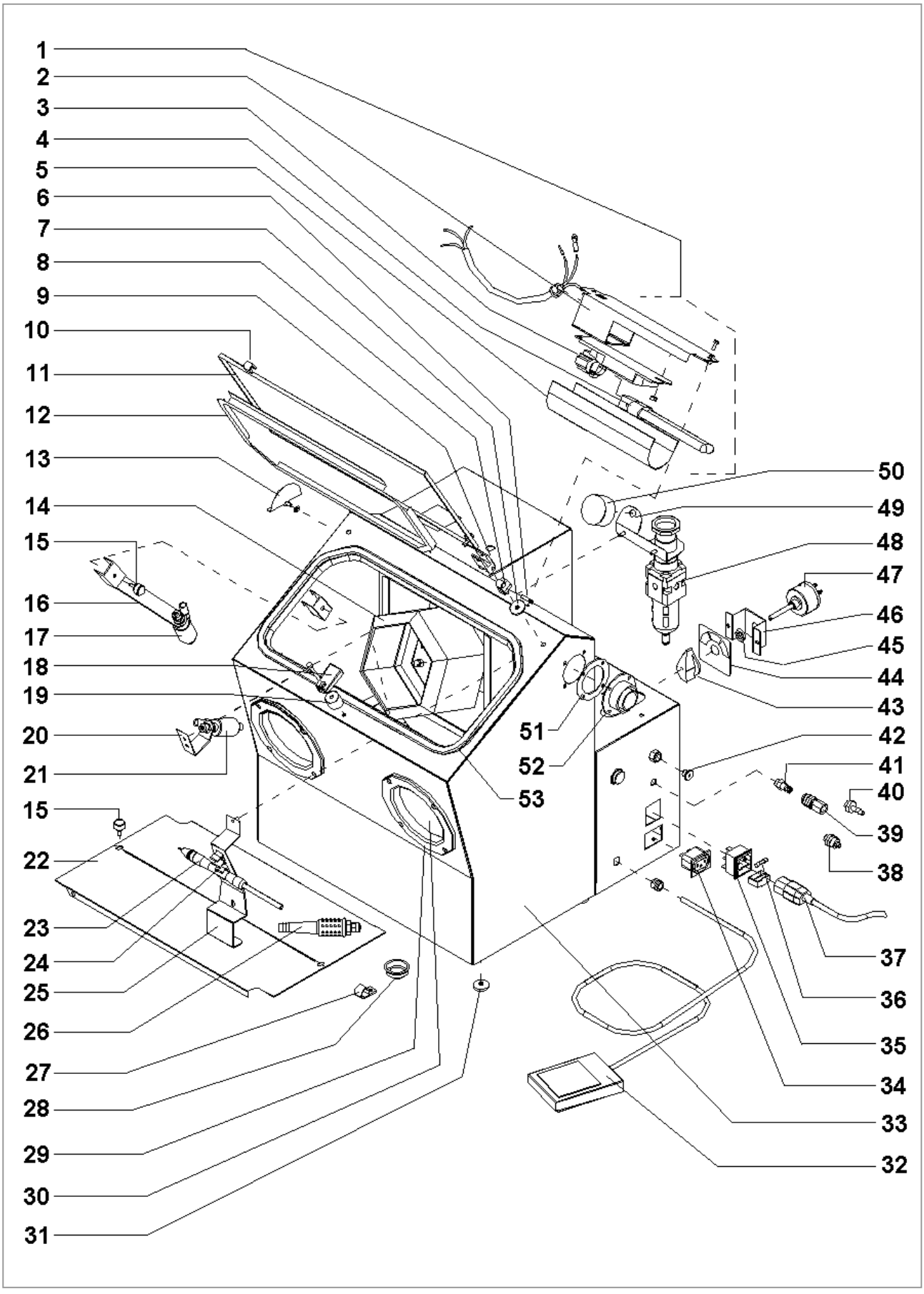
11. PNEUMATIC CIRCUIT

NO.	DESCRIPTION
1	AIR FILTER
2	PRESSURE REDUCER
3	PRESSURE GAUGE
4	3-WAY-SOLENOID VALVE – MANUAL BLASTING
5	5 MY FILTER
6	BLASTING SELECTOR SWITCH
7	MICROBLASTING TANK
8	MICROPROJECTOR
9	MANUAL DEVESTING PROJECTOR
10	3-WAY-SOLENOID VALVE – AUTOMATIC BLASTING
11	AUTOMATIC BLASTING PROJECTOR
12	AIR BLOWER



12. EXPLODED DRAWING AND SPARE PART LIS T - BASE MATIC (T) table 1

NO.	CODE	DESCRIPTION
1	**1000519N**	COMPLETE LIGHTING UNIT
2	**1069009**	LIGHTING UNIT SUPPORT
3	**NEA024A**	REACTOR AND STARTER GROUP
4	**NEA024B**	DULUX 9W LAMP
5	**1069017**	LIGHTING GROUP COVER
6	**RMBL028**	HINGE PIN
7	**1069010**	PVC WASHER FOR HINGE
8	**1054019A4**	HINGE PIN (FIXED PART) HOLE 4MM
9	**RCB016A**	HINGE PIN (MOVABLE PART)
10	**1051017**	SCREEN FIXING CLIP
11	**1064014**	GLASS WINDOW
12	**1064011**	GLASS PROTECTION GRID
13	**1072033**	COVER ON SUCTION INLET BASE/MICRA
14	**RBM009R**	SMALLER ROTATING BASKET
15	**NVT151**	MALE KNOB M4x10
16	**1064059**	AUTOMATIC PROJECTOR HOLDER
17	**RMAT522**	COMPLETE AUTOMATIC PROJECTOR
18	**RNO009**	CLOSING JUMPER CABLE
19	**RE011A**	DISTANCE PIECE FOR JUMPER CABLE
20	**1072028**	PROJECTOR HOLDER
21	**RMAT523**	COMPLETE MANUAL PROJECTOR
22	**1064056**	ABRASIVE FILTERING GRID
23	**1000605**	COMPLETE MICROPROJECTOR (specify colour and nozzle)
24	**NEA123**	CLIP
25	**1073009**	HOLDER FOR 2 MICROPROJECTORS - MICRA
26	**NPS001**	AIR BLOWER
27	**NEA115**	PLASTIC RING D. 14
28	**NVP030**	PLASTIC CAP D.=31
29	**RCB017**	GLOVE FLANGE
30	**RCS130**	PAIR OF GLOVES
31	**NVG055**	RIVETED D.=20 BUMPER
32	**NEC050**	ELECTRIC FOOT CONTROL
33	**1064051**	WORKING CHAMBER
34	**NEA047**	FEMALE PLUG
35	**NEA046**	PLUG AND FUSEHOLDER
36	**NEA070**	RAPID FUSE 5x20 3.15 A
37	**NEV013**	ELECTRICAL CABLE 3x1 PLUG/SOCKET
38	**NPR119**	STRAIGHT MALE PIPE-FITTING 8x6 1/8
39	**NPR303**	RAPID FEMALE CLUTCH 1/8
40	**NPR220**	PIPE-FITTING 7 1/8
41	**NPR304**	RAPID MALE CLUTCH 1/8
42	**NPR223**	MALE CAP PIPE-FITTING 1/8
43	**NVT141**	GRADUATED KNOB
44	**1072032**	SELECTOR SWITCH LABEL
45	**RCS059**	NUT FOR VALVE M12x1
46	**1069003**	SELECTOR SWITCH SUPPORT
47	**1000510-4A**	4-WAY SELECTOR SWITCH
48	**NPS029**	FILTER + REDUCER 1/8
49	**1072026**	PRESSURE REDUCER DNA GAUGE HOLDER FOR BASE/MICRA
50	**NPS040**	GRADUATED MANOMETER 0-6 1/8
51	**RWA006**	JOINT FOR EXTRACTION PIPE
52	**RWA007**	PIPE FOR EXTRACTOR
53	**1064015**	GLASS JOINT FOR SANDBLASTERS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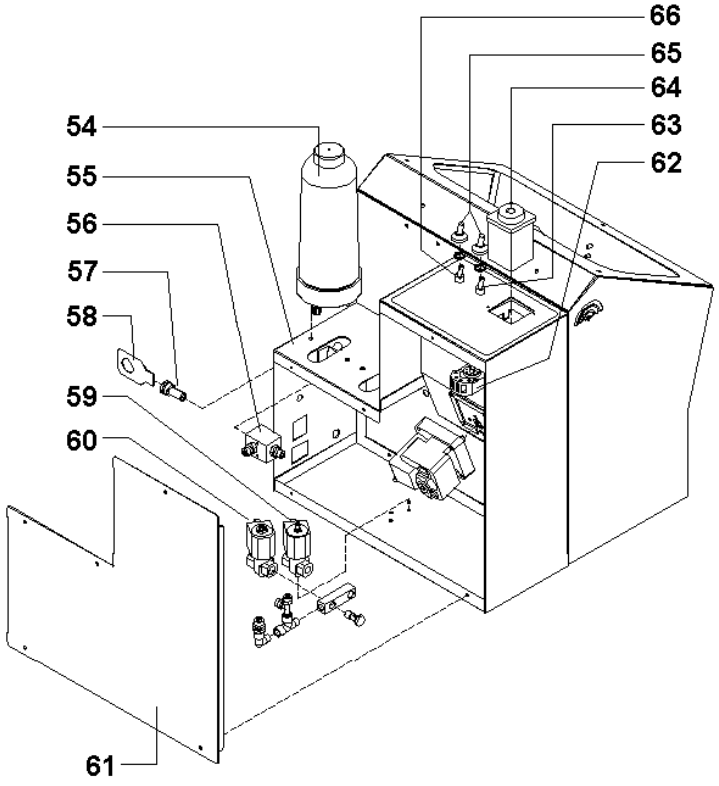
EXPLODED DRAWING AND SPARE PART LIST - BASE MATIC (T) - table 2

NO.	CODE	DESCRIPTION
54	**100072N**	COMPLETE EASY TANK
55	**1064052**	TANK HOLDER
56	**1072008**	FILTER CONTAINER
57	**1072009**	CAP WITH 5MY FILTER
58	**1072034**	KEY FOR 5MY FILTER - BASE/MICRA
59	**NES030**	3-WAY-SOLENOID VALVE-220v
60	**NES025**	BLASTING SOLENOID VALVE 220V
61	**1064053**	REAR COVER
62	**NEA080**	OCTAL SOCKET FOR RELAY
63	**NEC013**	BIPOLAR SWITCH
64	**NEC122**	ELECTRONIC TIMER 230v
65	**NEC009**	TROPICAL SWITCH COVER
66	**NEC030**	ONE-POLE KEY
67	**RBM020R**	COVER FOR SMALLER ROTATING BASKET
68	**NPOR128**	OR JOINT 128
69	**1046011**	BASKET HOLDER
70	**1064062**	SPINDLE FOR ROTATING BASKET
71	**NES031**	TRIAL GEAR MOTOR
72	**NVT030**	BALL BEARING
73	**NVT165**	FEMALE CAP G1
74	**1072003**	ABRASIVE TANK
75	**NPOR3300**	OR JOINT 3300
76	**1072002P**	NYLON/GLASS TANK BASE
77	**NPV020**	SINTERED AIR INJECTOR
78	**NPOR2043**	OR JOINT 2043
79	**1072004**	AIR BLOWER MOUNTING PIPE-FITTING
80	**NPR111**	STRAIGHT MALE PIPE-FITTING 6x4 1/8
81	**1072007**	TERMINAL CAP ON ABRASIVE OUTLET PIPE
82	**1072006**	ABRASIVE OUTLET PIPE
83	**1072005**	ABRASIVE DUCT PIPE-FITTING
84	**NPR111P**	STRAIGHT PIPE-FITTING M 6x4 1/8 PLASTIC
85	**NPV042**	SOFT POLYURETHAN PIPE 6x4
86	**NEV030**	SHEATH D.= 6
87	**1067005**	MICROPROJECTOR ALUMINIUM HANDLE
88	**1067022**	IDENTIFICATION WASHER (specify colour)
89	**1067006**	MICROPROJECTOR BODY
90	**RMN043**	TUNGSTEN CARBIDE NOZZLE D.= 1.2
90	**RMN044**	TUNGSTEN CARBIDE NOZZLE D.= 0.8
90	**RMN045**	TUNGSTEN CARBIDE NOZZLE D.= 0.5
90	**RMN046**	TUNGSTEN CARBIDE NOZZLE D.= 2.0
90	**RMN047**	TUNGSTEN CARBIDE NOZZLE D.= 1.5
91	**NPOR2012**	OR JOINT 2012
92	**1067007**	NOZZLE LOCKING RING NUT
93	**RM019**	PIPE-FITTING
94	**NVT048**	THREADED PRESSOR M5
95	**1048019**	4-WAY-SELECTOR SWITCH LOWER CAP
96	**NVT051**	CYLINDRICAL PIN 2x7.8
97	**1048025**	SELECTOR SWITCH AIR DISTRIBUTOR
98	**1048026**	4-WAY-SELECTOR SWITCH PIVOT
99	**1048020**	4-WAY-SELECTOR SWITCH UPPER CAP
100	**NPR123**	NYLON WASHER 1/4
101	**NPOR2025**	OR JOINT 2025
102	**NVT046**	RING PS 10/16/0.2
103	**NVT047**	RING PS 8/14/0.2
104	**NPOR2018**	OR JOINT 2018
105	**NPR104**	FEMALE STRAIGHT PIPE-FITTING 8x6 1/8 (automatic projector)
105	**NPR118**	RING NUT 6x4 M10 (manual projector)
106	**NPV040**	POLYETHYLENE PIPE 6x4 (manual projector)
106	**NPV060**	POLYETHYLENE PIPE 8x6 (automatic projector)
107	**RS019**	PROJECTOR BODY D.=1.5
108	**RS022**	DEVESTING NOZZLE D.=3.5
109	**NVG011**	TRANSPARENT RESIN PIPE 8x12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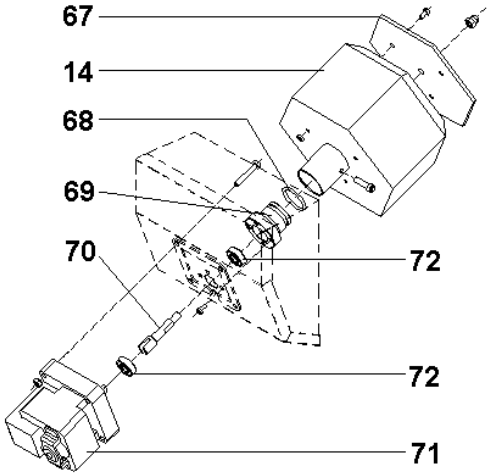
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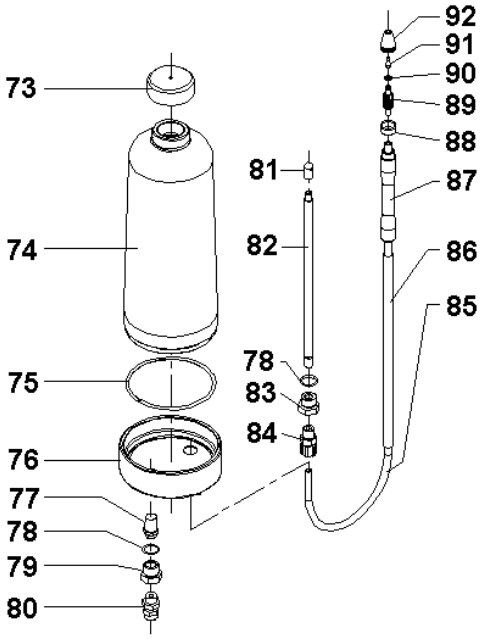
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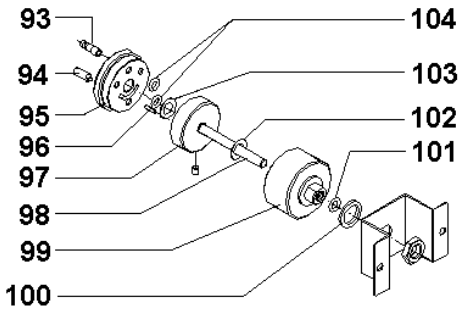
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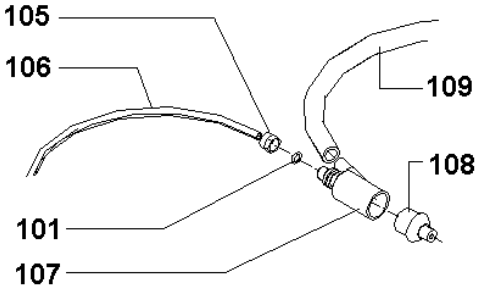
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13. TECHNICAL DETAILS

Description	**BASEMATIC**	**+ 1 TANK**	**+ 2 TANKS**
Width	**440 mm**		
Base width - max	**400 mm - 450 mm**		
Height	**480 mm**		
Net and gross weight	**20,6 Kg - 24 Kg**	**21,2 Kg - 25 Kg**	**21,8 Kg - 26 Kg**
Voltage	**220 v AC - 50 Hz**		
Absorption	**260 W - 1.2 A**	**260 W - 1.2 A**	**260 W - 1.2 A**
Lighting	**Energy-saving compact fluorescent lamp DULUX - S 9 W**		
Timer	**Electronic timer 0-30 min.**		
Gear motor	**Clockwise rotation - Speed 16,3 rpm**		
Standard devesting projector	**2 x ∅ 3,5 mm, tungsten carbide**		
Min pressure	**2 BAR**		
Max pressure	**8 BAR**		
Air consumption	**225 l/min at 6 BAR**		
Devesting abrasive min	**Mesh 60 - 250 µ**		
Devesting abrasive max	**Mesh 36 - 500 µ**		
Abrasive hopper	**10 Kg**		
Standard microblasting nozzle	**1 o 2 x 0.8 mm (further sizes on request)**		
Finishing- min pressure	**1,5 BAR**		
Finishing- max pressure	**6,0 BAR**		
Finishing abrasive min.	**Mesh 280 (50µ)**		
Finishing abrasive max.	**Mesh 60 (250µ)**		
Tank capacity	**400 g each**		
Dust filtering system	**Pre-fitted for WAFIS water extraction system or PRO-3 suction units**		

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