

Tuttnauer Dental

TIVA8 Dental

HIGH THERMAL DISINFECTION WASHERS
for Dental Instruments

Dental



Quality Products ◆ Professional Excellence ◆ Reliable Services ◆ Time Saving Solutions

Your Dental infection control success is backed by more than a century of global leadership experience

Tuttnauer's sterilization and infection control solutions are trusted by Dental and Medical clinics, laboratories, and hospitals in more than 140 countries.

For over 95 years Tuttnauer has been passionate about delivering a complete sterilization solution for healthcare and life science industries.

We are proud to have installed over 350,000 sterilization and infection control products around the world.

**Welcome to the TIVA8 Washer-Disinfector
Designed to simplify your work and ensure
the safety of your patients and your staff.**



TIVA8 Dental 165 Liter Chamber

High-end washer and disinfectant for washing, rinsing, disinfecting, and drying your dental instruments prior to sterilization.

UP TO 4 washing levels of total 8 DIN baskets capacity,

Improved Productivity and Efficiency



Intuitive User Experience

- A full control and all-in-one operation from a single touch panel with color display
- Graphical report of washing phases including time and temperature
- Double-layered tempered glass door for visual monitoring
- Spray Arm monitoring for continuous washing validation (optional)
- Multi color chamber LED light (White, Green, Red) operates during loading, unloading and running the program (optional)



Eco-Friendly

- Cycle time reduction thanks to a preheated water tank (only for HS model)
- 2 dosing pumps with flowmeter for precise consumption of acid and alkaline detergents
- Integrated water softener for reducing decontamination
- Built-in steam condenser for excess water and steam



Enhanced Traceability

- Comply with regulation by saving washing cycles data
- USB and RS232 connectivity
- Printer for data documentation (optional)



Premium Performance

- Instruments are completely dried thanks to powerful electric blowers and heaters with a HEPA H14 filter
- Up to 3 water connections for flexible operation and for optimal washing needs (cold, hot, demineralized)
- Up to 40 washing programs
- AISI 316L Stainless Steel

TIVA 8 UNDERCOUNTER MANUAL DOOR

UP TO 4 washing levels of total 8 DIN baskets capacity, 165 Liter chamber

The TIVA 8 washer-disinfector is equipped with a manual double glass door and is best suited for clinics and dental practices. It can be loaded with up to 4 washing levels with a large variety of washing trolleys and accessories. Available trolleys for DIN baskets, containers, mini-invasive equipment, anesthesia kits, bottles, shoes and dental handpieces.

TIVA8-1M

Narrow Design

165 Liter chamber

Dimensions (WxDxH mm) 600x650x860



TIVA8-WD-1M / TIVA8-HS-1M

Wide design

165 Liter Chamber

Dimensions (WxDxH mm) 900x650x860



Speed
Cycle

Selectable configurations:

Detergent storage cabinet /Pre-heating tank for reduction of cycle time + Detergent cabinet and demineralized water connection

Model	Wash Chamber dimension WxHxD (mm)	Chamber Vol. (Liters)	Capacity	Overall Dimensions WxHxD (mm)	Weight (kg)	Power Supply	Power Consumption	Item supplied
TIVA 8 -1M	550x600x500	165L	Up to 4 washing levels (8 DIN baskets)	600x860x650	100 kg	230V, 1 phase, 50Hz 200V, 1 phase, 50/60Hz 380/415V, 3 phase +Neutral, 50Hz	6.3 kW	Drain tube, Water supply pipes
TIVA 8-WD-1M				900x860x650	115 kg	220V, 3 phase, 60Hz	7 kW	Drain tube, Water supply pipes
TIVA 8-HS-1M					120 kg	50/60Hz 50/60Hz	8.8 kW	

Features

- Manual double glass door
- Washing chamber made of high quality AISI 316L
- Touch panel with color graphic display
- A total of 40 programs: Preset and programmable procedures
- Air drying prefilter + HEPA H14 filter
- Preheated tank for cycle time reduction (only for HS model)
- 2 dosing pumps with flowmeter for acid and alkaline
- detergents (2 additional pumps optional)
- 3 heating elements
- USB/ Printer for data documentation
- Built-in steam condenser

Optional

- Conductivity measurements to check rinse water quality before disinfection phase
- Demi water boiler (only for HS version)
- Multi color LED chamber light: Operates during loading, unloading and running the program.
The LED vary in color depends on machine status: White: open door | Green: cycle ends | RED: error
- Spray arm monitoring continuous validate rotation of spray arm to guarantee that the load is currently washed
- Stainless steel stand for ergonomic loading and unloading (not installed under-counter)
- Water connection: Cold water softener, purified water (TIVA 8-1M, TIVA 8-WD-1M) Cold water softener (TIVA 8-HS-1M)
- Thermal Printer Graphic report of washing phases including time and temperature

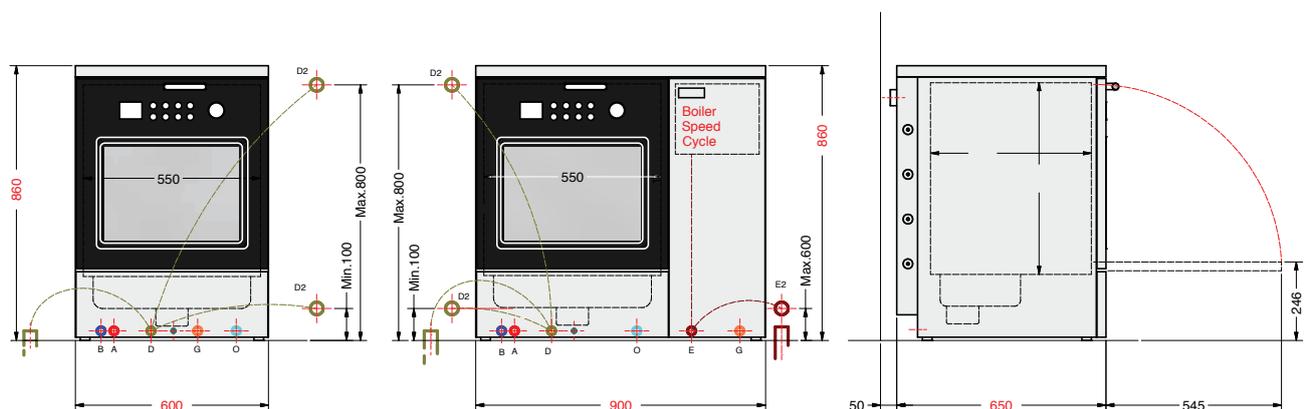
Drawings:

TIVA 8-1M

60 cm narrow design

TIVA 8-WD-1M / TIVA 8-HS-1M

90 cm wide design



A Hot water connection-3/4" g (tube 1/2" g)
B Cold water connection-3/4" g (tube 1/2" g)

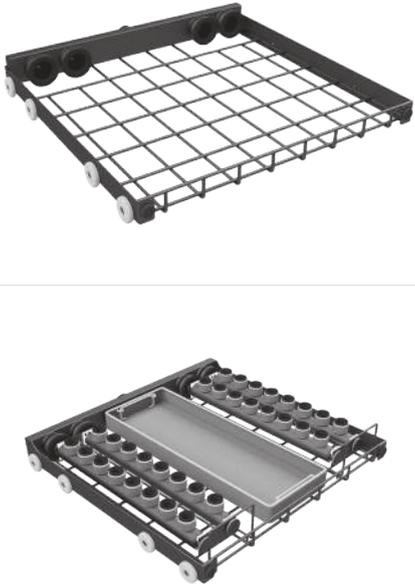
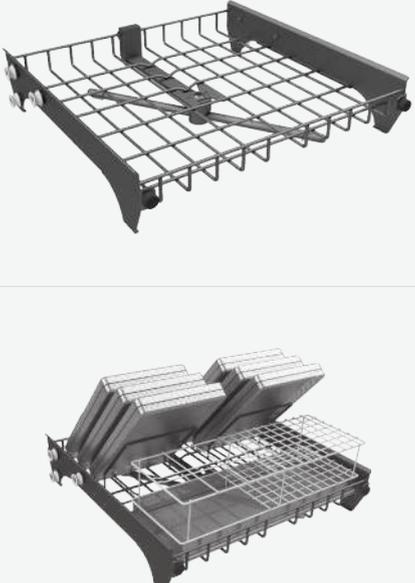
D2 Drain dn 40 - hose connection 25mm (at wall)
G Electrical connection

O Demineralized water connection-1/2" g
E2 Drain dn 40 - hose connection 25mm (at wall)

TIVA8

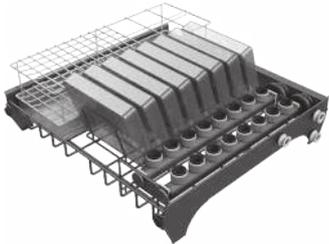
RACKS

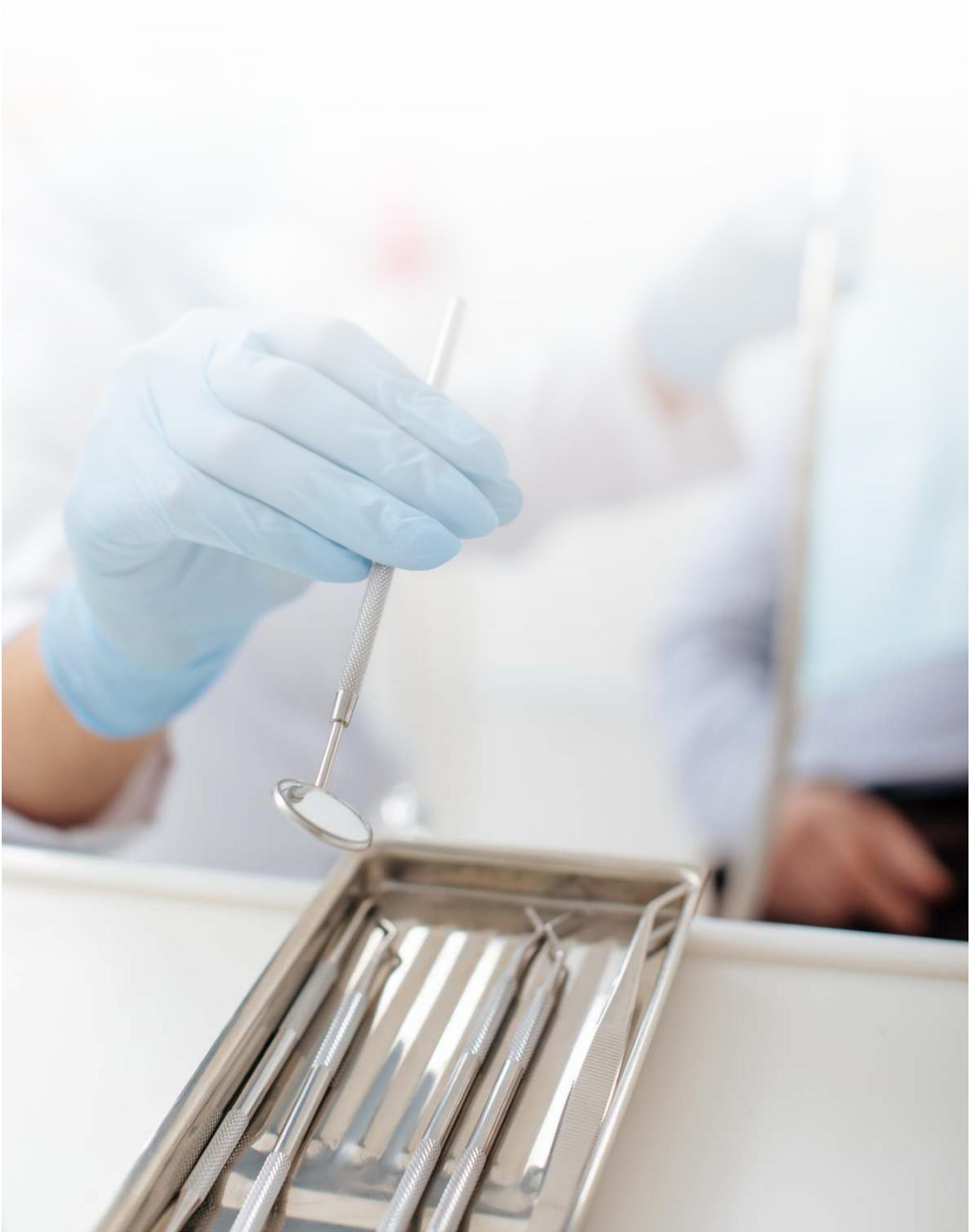
Code	Image	Description										
119905148		<p>TH148 LOWER WASH RACK</p> <p>Washing rack positioned on the lower level, basic version For various inserts and accessories.</p> <table border="1"> <tr> <td>Internal loading dimensions with upper rack WxDxH</td> <td>500x475x230 mm</td> </tr> <tr> <td>Internal loading dimensions without upper rack WxDxH</td> <td>500x475x470 mm</td> </tr> <tr> <td>Rack external dimensions WxDxH</td> <td>525x502x48 mm</td> </tr> <tr> <td>Empty rack weight</td> <td>2,5 Kg</td> </tr> </table>	Internal loading dimensions with upper rack WxDxH	500x475x230 mm	Internal loading dimensions without upper rack WxDxH	500x475x470 mm	Rack external dimensions WxDxH	525x502x48 mm	Empty rack weight	2,5 Kg		
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Internal loading dimensions without upper rack WxDxH	500x475x470 mm											
Rack external dimensions WxDxH	525x502x48 mm											
Empty rack weight	2,5 Kg											
	Configuration example with: 2x A085 + 1x A053											
119905156		<p>TH156 LOWER WASH RACK 2 CONN.</p> <p>Washing rack positioned on the lower level, with 2 connection Left-hand side free for various inserts (475x215 mm). Active drying of turbines, hand-pieces and contraangles. For various inserts and accessories.</p> <table border="1"> <tr> <td>Internal loading dimensions with upper rack WxDxH</td> <td>500x430x230 mm</td> </tr> <tr> <td>Internal loading dimensions with upper rack and A076 WxDxH</td> <td>360x460x230 mm</td> </tr> <tr> <td>Internal loading dimensions without upper rack WxDxH</td> <td>500x430x470 mm</td> </tr> <tr> <td>Rack external dimensions WxDxH</td> <td>525x525x72 mm</td> </tr> <tr> <td>Empty rack weight</td> <td>3 Kg</td> </tr> </table>	Internal loading dimensions with upper rack WxDxH	500x430x230 mm	Internal loading dimensions with upper rack and A076 WxDxH	360x460x230 mm	Internal loading dimensions without upper rack WxDxH	500x430x470 mm	Rack external dimensions WxDxH	525x525x72 mm	Empty rack weight	3 Kg
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Rack external dimensions WxDxH	525x525x72 mm											
Empty rack weight	3 Kg											
	Configuration example with: 1x A085 + 1x A053 + 1x A076 + 2x A075											

Code	Image	Description										
119905157	 <p data-bbox="394 1114 662 1159">Configuration example with: 2x A076 + 4x A075 + 1x A085</p>	<p data-bbox="773 472 1192 500">TH157 LOWER WASH RACK 4 CONN.</p> <p data-bbox="773 519 1294 602">Washing rack positioned on the lower level, with 4 connection Active drying of turbines, hand-pieces and contra-angles. For various inserts and accessories.</p> <table border="1" data-bbox="773 630 1482 837"> <tr> <td>Internal loading dimensions with upper rack WxDxH</td> <td>500x430x230 mm</td> </tr> <tr> <td>Internal loading dimensions with upper rack and A076 WxDxH</td> <td>220x460x230 mm</td> </tr> <tr> <td>Internal loading dimensions without upper rack WxDxH</td> <td>500x430x470 mm</td> </tr> <tr> <td>Rack external dimensions WxDxH</td> <td>525x525x72 mm</td> </tr> <tr> <td>Empty rack weight</td> <td>3,5 Kg</td> </tr> </table>	Internal loading dimensions with upper rack WxDxH	500x430x230 mm	Internal loading dimensions with upper rack and A076 WxDxH	220x460x230 mm	Internal loading dimensions without upper rack WxDxH	500x430x470 mm	Rack external dimensions WxDxH	525x525x72 mm	Empty rack weight	3,5 Kg
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Empty rack weight	3,5 Kg											
119905151	 <p data-bbox="394 1867 662 1912">Configuration example with: 2x A065 + 1x A053</p>	<p data-bbox="773 1225 1209 1253">TH151 UPPER WASH RACK W/S.ARM</p> <p data-bbox="773 1272 1277 1326">Washing rack positioned on the upper level, with spray arm For various inserts and accessories.</p> <table border="1" data-bbox="773 1354 1482 1467"> <tr> <td>Internal loading dimensions WxDxH</td> <td>480x460x185 mm</td> </tr> <tr> <td>Rack external dimensions WxDxH</td> <td>532x524x110 mm</td> </tr> <tr> <td>Empty rack weight</td> <td>3,5 Kg</td> </tr> </table>	Internal loading dimensions WxDxH	480x460x185 mm	Rack external dimensions WxDxH	532x524x110 mm	Empty rack weight	3,5 Kg				
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Rack external dimensions WxDxH	532x524x110 mm											
Empty rack weight	3,5 Kg											

TIVA8

RACKS

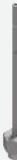
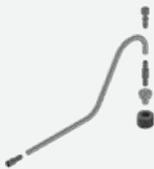
Code	Image	Description								
119905149		<p>TH149 UPPER WASH RACK 2 CONN. W/S.ARM</p> <p>Washing rack positioned on the upper level, with 2 connection and spray arm Left-hand side free for various inserts (475x215 mm). Active drying of turbines, hand-pieces and contraangles. For various inserts and accessories.</p> <table border="1"> <tr> <td>Internal loading dimensions with A076 WxDxH</td> <td>350x460x185 mm</td> </tr> <tr> <td>Internal loading dimensions without A076 WxDxH</td> <td>480x430x185 mm</td> </tr> <tr> <td>Rack external dimensions WxDxH</td> <td>532x524x110 mm</td> </tr> <tr> <td>Empty rack weight</td> <td>4 Kg</td> </tr> </table>	Internal loading dimensions with A076 WxDxH	350x460x185 mm	Internal loading dimensions without A076 WxDxH	480x430x185 mm	Rack external dimensions WxDxH	532x524x110 mm	Empty rack weight	4 Kg
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Internal loading dimensions without A076 WxDxH	480x430x185 mm									
Rack external dimensions WxDxH	532x524x110 mm									
Empty rack weight	4 Kg									
 <p>Configuration example with: 1x A053 + 1x A063 + 1x A076 + 2x A075</p>										
119905153		<p>TH153 UPPER WASH RACK 4 CONN.</p> <p>Washing rack positioned on the upper level, with 4 connection and spray arm Active drying of turbines, hand-pieces and contra-angles. For various inserts and accessories.</p> <table border="1"> <tr> <td>Internal loading dimensions with 2x A076 WxDxH</td> <td>220x460x185 mm</td> </tr> <tr> <td>Internal loading dimensions without A076 WxDxH</td> <td>480x430x185 mm</td> </tr> <tr> <td>Rack external dimensions WxDxH</td> <td>532x524x110 mm</td> </tr> <tr> <td>Empty rack weight</td> <td>5 Kg</td> </tr> </table>	Internal loading dimensions with 2x A076 WxDxH	220x460x185 mm	Internal loading dimensions without A076 WxDxH	480x430x185 mm	Rack external dimensions WxDxH	532x524x110 mm	Empty rack weight	5 Kg
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Internal loading dimensions without A076 WxDxH	480x430x185 mm									
Rack external dimensions WxDxH	532x524x110 mm									
Empty rack weight	5 Kg									
 <p>Configuration example with: 2x A076 + 4x A075 + 1x A085</p>										



TIVA8

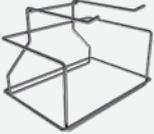
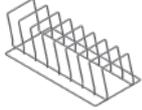
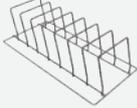
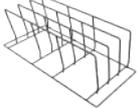
ACCESSORIES

Code	Image	Description
P00001039		<p>A076 INSERT FOR HANDPIECES HOLDER</p> <p>Insert for 2 holders Suitable for use on all racks To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A084 ▪ A075 <p>Insert external dimension WxDxH 104x455x77 mm</p>
P00001048		<p>A075 HOLDER 8 POS.</p> <p>Preassembled holder with 8 positions for handpiece holder Includes: S/S FILTER To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A076 <p>Possibility of mounting up:</p> <ul style="list-style-type: none"> ▪ 8x A066 ▪ 8x A079 ▪ 8x A127 ▪ 8x A135
P00001098		<p>A084 HOLDER 12 POS.</p> <p>Preassembled holder with 12 positions for handpiece holder Includes: S/S FILTER To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A076 <p>Possibility of mounting up:</p> <ul style="list-style-type: none"> ▪ 12x A066 ▪ 12x A127 ▪ 6x A079 + 6x A066 ▪ 6x A067 + 6x A135 ▪ 12x A135
ATS238-0412		<p>A079 SUPPORT HANDPIECES HOLDER</p> <p>To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A075 ▪ A084
ATS238-0411		<p>A077 HANDPIECES ADAPTER Ø19-21</p> <p>Adapter for handpieces with dimension from Ø 19 to Ø 21 mm To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A079
ATS238-0410		<p>A078 HANDPIECES ADAPTER Ø14-17</p> <p>Adapter for handpieces with dimension from Ø 14 to Ø 17 mm To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A079
ATS238-0387		<p>A067 HANDPIECES CAP</p> <p>To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A077 ▪ A078
ATS238-0438		<p>A080 SUPPORT FOR 8 SCALER TIPS</p> <p>To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A077
D00564000		<p>A139 SUPPORT FOR SILICONE CONN.</p> <p>To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A075 ▪ A084 ▪ A138

Code	Image	Description
D00291500		A138 SILICONE CONN. To be used in combination with: ▪ A139
D00109200		A140 CAP FOR SILICONE CONN. To be used in combination with: ▪ A138
ATS238-0386		A066 NOZZLE FOR ASPIRATOR TIPS To be used in combination with: ▪ A075 ▪ A084 Nozzle external dimension \varnothing 4 x H80 mm
D00606500		A142 ADAP. HOSE 1/4" TO G1/8" M. THREAD Stainless steel hose male holder adapter DN 5 and DN 6
467010016		A127 ADAP. MALE LUER TO G1/8" M. THREAD Stainless steel male Luer-Lock adapter
467010018		A129 PVDF FEMALE LUER TO 3/16" HOSE HOLDER PVDF hose holder DN 5 to female Luer-Lock
467010019		A131 PVDF MALE LUER TO 3/16" HOSE HOLDER PVDF hose holder DN 5 to male Luer-Lock
D00341100		A149 MALE LUER TO 1/4" HOSE HOLDER Stainless steel hose holder DN 6 to male Luer-Lock
467010020		A132 PVDF FEMALE LUER TO 1/4" HOSE HOLDER PVDF hose holder DN 6 to female Luer-Lock
467010021		A133 PVDF MALE LUER TO 1/4" HOSE HOLDER PVDF hose holder DN 6 to male Luer-Lock
467010022		A134 PVDF ELBOW FITTING 1/4" HOSE HOLDER PVDF elbow hose holder DN 6
467010023		A147 PVDF FEMALE LUER CAP PVDF female Luer-Lock cap
467010024		A148 PVDF M. LUER CAP PVDF male Luer-Lock cap
D00304700		A144 FITTING 3/16" HOSE HOLDER Stainless steel pass trough hose holder DN 5
ATS238-0439		A081 LUER-LOCK CONNECTOR KIT Suitable for use with racks: ▪ TH121 ▪ TH123 Specifications: Female Luer-Lock connection at the end of the pipe.

TIVA8

ACCESSORIES

Code	Image	Description
ATS238-0434		<p>A135 CAP SCREW G1/8"</p> <p>To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A075 ▪ A084
ATS238-0385		<p>A069 NEMA HANDPIECES ADAPTER</p> <p>It allows to have the perfect inside channels cleaning through water circulation. To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A077 ▪ A078
ATS238-0384		<p>A073 BASKET WITH LID</p> <p>Rinsing basket with fixed lid for small accessories Made of high-quality stainless-steel wire for storing small parts and accessories during the cleaning process.</p> <p>Basket external dimension WxDxH 80x80x40 mm</p>
ATS238-0381		<p>A068 INSERT FOR 10 DENTAL IMPRESSION</p> <p>Suitable for use on all racks</p> <p>Insert external dimension WxDxH 184x131x130 mm</p>
ATS238-0382		<p>A071 INSERT FOR 7 EXTRACTION PLIERS</p> <p>Suitable for use on all racks</p> <p>Insert external dimension WxDxH 184x131x122 mm</p>
ATS238-0306		<p>A055 INSERT FOR 9 TRAYS</p> <p>Suitable for use on all racks</p> <p>Insert external dimension WxDxH 455x245x127 mm</p>
ATS238-0376		<p>A063 INSERT 8 CASSETTES</p> <p>Insert with 8 positions for trays or cassettes with width max 35 mm Suitable for use on all racks</p> <p>Insert external dimension WxDxH 180x370x105 mm</p>
ATS238-0380		<p>A070 INSERT 7 POS.</p> <p>Insert with 7 positions for trays or cassettes with width max 40 mm Suitable for use on all racks</p> <p>Insert external dimension WxDxH 180x370x105 mm</p>
ATS238-0444		<p>A088 INSERT 3 POS.</p> <p>Insert with 3 positions for trays or cassettes with width max 40 mm Suitable for use on all racks</p> <p>Insert external dimension WxDxH 180x360x135 mm</p>
ATS238-0379		<p>A065 INSERT 3 CASSETTES</p> <p>Insert with 3 positions for trays or cassettes with width max 35 mm Suitable for use on all racks.</p> <p>Insert external dimension WxDxH 170x255x140 mm</p>

Code	Image	Description
ATS238-0447		<p>A087 BASKET SPACERS</p> <p>To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A082 ▪ A083 ▪ A085 <p>Specifications: used to stock 2 baskets A083 or 2 baskets A082 or 2 baskets A085.</p>
D00552800	  Space requirements into the rack	<p>A053 INSERT FOR VERTICAL INSTRUMENTS</p> <p>Suitable for use on all racks.</p> <p>Insert external dimension WxDxH 445x165x120 mm</p> <p>Space requirements into the rack: 1/3</p>
D00594900	  Space requirements into the rack	<p>A085 1/3 BASKET</p> <p>Dental basket 1/3 For various inserts and accessories.</p> <p>Suitable for use on all racks.</p> <p>Insert external dimension WxDxH 455x165x40 mm</p> <p>Space requirements into the rack: 1/3</p>
ATS238-0305		<p>A054 BASKET WITH 2 SILICONE SUPPORT</p> <p>Stainless steel basket with two silicone supports.</p> <p>Suitable for use on all racks.</p> <p>Basket external dimension WxDxH 200x280x30 mm</p>
ATS238-0103		<p>A136 STAINLESS STEEL STAND TIVA8</p> <p>Stand for TIVA8-1M (and variants) provide an ergonomics height of 146 cm, when the machine is not installed undercounter.</p> <p>Suitable for use as a detergent storage compartment</p> <p>Stand external dimension WxDxH: 600x585x600 mm.</p>
ATS238-0104		<p>A137 STAINLESS STEEL STAND L VERS.</p> <p>Stand for TIVA8-WD-1M (and variants) provide an ergonomics height of 146 cm, when the machine is not installed undercounter.</p> <p>Suitable for use as a detergent storage compartment</p> <p>Stand external dimension WxDxH: 900x585x600 mm.</p>
P00001065		<p>KIT DISPENSER VALIDATION</p> <p>Kit for calibrating dispensers.</p>

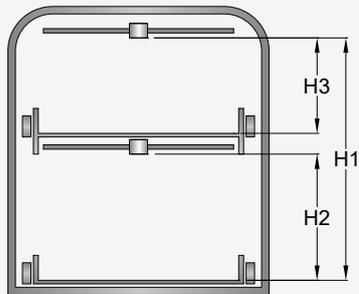
SPARE PARTS

D00491700		<p>S/S FILTER</p> <p>To be used in combination with:</p> <ul style="list-style-type: none"> ▪ A075 ▪ A084
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TIVA8

LAYER CONFIGURATION SCHEME

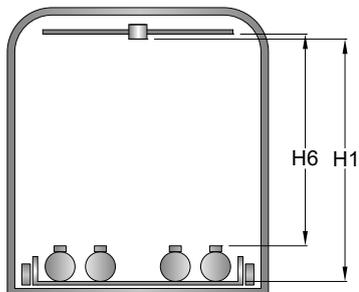
Useful space dimensions



DOUBLE LEVEL WITHOUT HOLDER AND SUPPORT FOR HANPIECES ACCESSORIES

Configuration example: TH151+ TH148

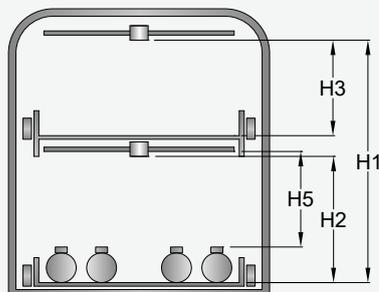
H1	H2	H3
470 mm	230 mm	185 mm



LOWER LEVEL WITH HOLDER AND SUPPORT FOR HANPIECES ACCESSORIES

Configuration example: TH157

H1	H6
470 mm	415 mm

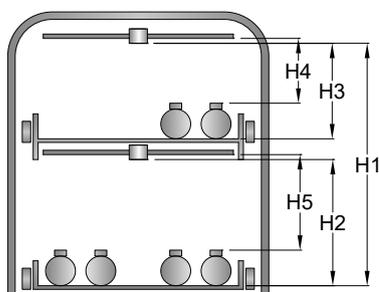


LOWER LEVEL WITH HOLDER AND SUPPORT FOR HANPIECES ACCESSORIES

UPPER LEVEL WITHOUT HOLDER AND SUPPORT FOR HANPIECES ACCESSORIES

Configuration example: TH157 + TH148

H1	H2	H3	H5
470 mm	230 mm	185 mm	174 mm



DOUBLE LEVEL WITH HOLDER AND SUPPORT FOR HANPIECES ACCESSORIES

Configuration example: TH157 + TH149

H1	H2	H3	H4	H5
470 mm	230 mm	185 mm	130 mm	174 mm

Washing & Disinfection Indicators



WTL198-0062



WTL198-0061



WTL198-0065

Cleaning Indicator
Holder



WTL198-0063

Your clinic's infection control success is backed by 95 years of experience and global leadership

Renowned global leaders in infection control solutions with more than

95 years
experience

Products distributed to clinics, hospitals and research institutions in more than

140
countries

Dental

International Sales and Marketing

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