

## NOVATEC PLURITANK 20

**Kind : Washing machine**  
**Manufacturer : NOVATEC**  
**Model : PLURITANK 20**  
**Serial : P131-05**  
**Stock : P2381**



### TECHNICAL DETAILS

#### POWER SUPPLY

- INSTALLATION OVERALL DIMENSIONS : 4620 X 3500 X 2200 (h)[mm]
- TOTAL INSTALLED ELECTRICAL POWER : 10 [kW]
- SUPPLY VOLTAGE : 400 V, 3 phases + neutral + earth, 50 [Hz]

#### REF. / PROCESS / DESCRIPTION

- |                               |  |
|-------------------------------|--|
| - C (LOADING)                 | : MOTORIZED BELT CONVEYOR FOR LOADING BASKETS.   |
| - TANK 1 (WASHING)            | : WASHING TANK IN A HOT AQUEOUS DETERGENT SOLUTION,<br>: ACTIVATED BY ULTRASOUND.  |
| - TANK 2 (WASHING)            | : WASHING TANK IN A HOT AQUEOUS DETERGENT SOLUTION,<br>: ACTIVATED BY ULTRASOUND.  |
| - TANK 3 (RINSING)            | : IMMERSION RINSING TANK WITH TAP WATER.   |
| - TANK 4 (RINSING))           | : IMMERSION RINSING TANK WITH HOT DEMINERALIZED WATER<br>: FROM THE DEMI 10/2 MV DEMINERALIZER,<br>: ACTIVATED BY ULTRASOUND WITH LIFT-OUT SYSTEM. |
| - TANK 5 (AIR DRYING)         | : RECYCLED HOT-AIR DRYER.  |
| - S (UNLOADING)               | : MOTORIZED BELT CONVEYOR FOR UNLOADING BASKETS.   |
| - ROBOT NTM-S 10 (AUTOMATION) | : CONVEYOR FOR LOADING AND UNLOADING BASKETS.  |
| - DEMI 10/2 MV (DEMINERAL.)   | : WATER DEMINERALIZATION UNIT.   |

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#### **EQUIPMENT**

Tank 1 is equipped with an ultrasound unit :  
consisting of

- No. 1 ultrasonic generator, mod. RS 300 K  
with 300 W power.
- No. 1 electrostrictive transducer, mod.  
E35/6-40F, 300 W.
- Power : 300 W
- Maximum power output : 600 W
- Working frequency : 40 kHz
- Placed on the bottom of the tank.

Tank 2 is equipped with an ultrasound unit :  
consisting of

- No. 1 ultrasonic generator, mod. RS 300 K  
with 300 W power.
- No. 1 electrostrictive transducer, mod.  
E35/6-40F, 300 W.
- Power : 300 W
- Maximum power output : 600 W
- Working frequency : 40 kHz
- Placed on the bottom of the tank.

Tank 4 is equipped with an ultrasound unit :  
consisting of

- No. 1 ultrasonic generator, mod. RS 300 K  
with 300 W power.
- No. 1 electrostrictive transducer, mod.  
E35/6-40F, 300 W.
- Power : 300 W
- Maximum power output : 600 W
- Working frequency : 40 kHz
- Placed on the bottom of the tank.