

## 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,  
: ACTIVATED BY ULTRASOUND.
- TANK 2 (WASHING) : WASHING TANK IN A HOT AQUEOUS DETERGENT SOLUTION,  
: ACTIVATED BY ULTRASOUND.
- TANK 3 (RINSING) : IMMERSION RINSING TANK WITH TAP WATER.
- TANK 4 (RINSING) : IMMERSION RINSING TANK WITH HOT DEMINERALIZED WATER  
: FROM THE DEMI 10/2 MV DEMINERALIZER,  
: 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.