Product information - Instructions– Manual

New Line Work Table Equipment

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Product image

Product information
New Line Work tables with integrated melting units based on bain marie industrial kitchen technology. New **Line work tables are custom made for you!** The work table is assembled according to your wishes according to a modular system. A melting unit with only two dipping cans is possible, but a unit with an extended worktop with or without base units is also possible.

Standard
- Variable layout with separate cover plates for dipping and/or coloring cans.
- Gastronorm marble trays can be used.
- Faucet for changing water au bain marie.
- No limescale and damage possible on element and thermostat.
- Easy to clean.
- Variable temperature setting from 30 - 90°C.
- Melting unit with 20mm wool blank insulation.
- Parts easily replaceable.

The New Line equipment, work tables with integrated melting units, are supplied with a digital control program. With this small computer it is easy to operate the thermostat (set temperature), program security settings and continuously read the temperature as well as the temperature setting. Any malfunctions can also be read out with this. Malfunctions are reported visually and/or acoustically. All work tables supplied and to be delivered are protected against overheating.

Installation
Place the work table on a firm, flat surface. Make sure that the plug can be plugged directly into the socket (with earth). A cord with a molded plug (incl. protective earth) is attached to the tank as standard. Remove the protective film.

Warnings
When using the device, the following rules must be observed:
1. Observe the locally applicable regulations and standards when installing.
2. The appliance must be connected to an earthed socket.
3. Normally some water will always remain in the appliance, keep this in mind when placing the tank in a room where the temperature can fall below 0°C.
4. In the event of a malfunction or if the tank will not be used for a longer period of time, it is recommended to remove the plug from the socket.
5. Leave all repair work to your supplier, he repairs with the correct parts.

Use of appliance
The technique includes
- Thermostat controller (ST122-JA1TA.10)
- Sensor Pt100
- Heating element 1 x 800W
- Bimetal protection for 95°C ±3K.
- Float switch.

1. Connecting system.
The system must be connected via a grounded plug to ~230V. The system requires 800 Watts.

2. Turning on and operate system
The system can switch on or off by means of the stand-by button on the display. The setpoint limitation (P4 and P5) for circuit K1 are set to 5°C - 90°C. This means that the set temperature (setpoint) cannot be set higher than 90°C and not lower than 5°C. The setpoint can be set by simultaneously pressing the set button and one of the arrow keys.

3. Safety
The system is protected by a bimetallic protection. This will switch off the heating if the set temperature is exceeded. WARNING! This does not mean that the system is voltage free. In this situation, do not tinker until the necessary precautions have been taken.

After a cool-down period, the bi-metal will override the shutdown itself and the system will function again. If repeated, refer to the 'problem solving' section.

4. Filling and emptying the tank
When filling the tank with water, make sure that the faucet is closed. The trays can be emptied by opening the faucet under the tray. The water can be drained directly if it is connected to the sewer. If the water is collected in a bucket, it must be ensured that the temperature of the water has dropped sufficiently.

To prevent damage to the tank, the water should be replaced at least once a month. (old water out and clean water in). Descale if necessary.

5. Default setting values.
Below are the delivery setpoints that deviate from the standard thermostat setting.

Parameter	Set value
P4	5
P5	90
P30	5
P31	91
A30	1
A31	3
A60	11

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The setpoint setting can be blocked with the help of parameter P19. This is set to not locked.

Solving problems

System is on but not getting warm enough.
The thermostat indicates by the red light on the front that the system is heating up, but the water does not reach temperature after ±4 hours. This indicates a defect in the heating element. Please contact your supplier.

The alarm is going off.
If the alarm sounds, the measured temperature has exceeded the setting of the upper limit value (P31). Check the setting of the setpoint limit (P5) and that of the upper limit value (P31) and set it to the default value.

The alarm will sound and the display will show flashing F1L.
This is a so-called sensor error. This can have several causes. Follow the steps below to clear the error.
- Check whether there is enough water in the tank. If not, top up the water.
- If there is sufficient water, the sensor is defective or the connection is no longer correct. Please contact the supplier.

The water becomes warmer than the set temperature.
If the measured temperature exceeds 91°, this indicates a setting error or a problem with the thermostat. Check the set value of setpoint P5. It must not be set above 90°. If the setpoint is set correctly, this indicates a problem with the thermostat. The thermostat does not make circuit K1 and the bimetal switches off. Please contact the supplier.

Maintenance
To ensure proper functioning of your New Line work table with Bain Marie Unit, it is recommended that you read the operating instructions carefully.

The device complies with EU directives 73/23 EEC and 89/336 EEC, all technical changes reserved. CE

Electric scheme