HOONVED presents

BTS
Break Tank System

HDMS
Hoonved Dishwash Monitoring System
What is the BREAK TANK SYSTEM?
The “break tank” is a system for professional washing machines which assures that the rinse phase is always at constant pressure and temperature.

How does it work?
By means of a rinse booster pump placed after the boiler the rinsing is assured, for the whole duration of the phase, at constant pressure and temperature.
At the end of cycle the machine fills up the boiler again.

Benefits of the BREAK TANK SYSTEM:
1. This system assures the rinsing at constant pressure and temperature
2. It makes it impossible to start a washing cycle in absence of water
3. It makes the machine totally independent from the water supply. It also prevents any contamination of the water in the mains due to backflows from the machine.
The break tank system is available as optional for all EDI 6-8-13-13 Alta, C90E.

This system is standard for the EDI 4.
Phase 1/10:

Starter filling

BREAK TANK SYSTEM

- Washer arm
- Rinse arm
- Rinse pump
- Tank
- Heating element
- Boiler
- Solenoid valve
- Pressure switch
- Air gap
Phase 2/10:

Boiler filling
Phase 3/10:

Beginning of water boiler heating
Phase 4/10:

Tank level reached

BREAK TANK SYSTEM
Phase 5/10:

Boiler water heating

BREAK TANK SYSTEM
Phase 6/10:
Tank water heating
Phase 7/10:

Washing
Phase 8/10:

Rinsing

BREAK TANK SYSTEM

- Wash arm
- Rinse arm
- Wash pump
- Tank
- Heating element
- Boiler
- Rinse pump
- Air gap
- Pressure switch
- Solenoid valve
Phase 9/10:

Restoring of boiler water level
Phase 10/10:

Machine ready for new cycle

BREAK TANK SYSTEM
HDMS 1-2-3
Hoonved Dishwash Monitoring System
In conformity with the HACCP regulation, the HDMS allows a control of washing machines with:
- cycle counter
- cycle times & temperatures
- alarm messages.
It can be installed in the following 3 versions:

VERSION HDMS 1:
Direct data transmission from machine to PC.
VERSION HDMS 2:
- Log-box data recording (up to 1000 cycles)
- Data transmission from machine to PC.

Keep in memory up to 1000 cycles
VERSIONE HDMS 3:
- Log-box data recording (up to 1000 cycles)
- Data transmission from machine through GSM-SMS to cellphone or PC-Modem.

System by GSM-SMS or PC Modem

The HDMS is optional