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MASH BATH - R4, R8, R12

Mashing Equipment is designed for laboratory use in breweries and malthouses. It aids in the determination of malt extract. The equipment allows one to utilize the CONGRESS, HARTONG, ASBC, PROFILE or THERMOSTAT methodology of testing. The "Thermostat" method maintains a constant temperature for a specific time. The "Profile" method allows the user to program the variables to suite their needs. The equipment can be run automatically as an alarm lets the operator know the necessity to refill the water into the beakers with the mash at predetermined intervals. Water is preheated in test tubes in the mash bath.

The mashing equipment is equipped with a microcomputer, a resistant thermometer Pt 100, an electromagnetic valve for the automatic cooling-down of mash bath, an LCD double line display, a membrane keyboard and controlling software. The mashing unit can be equipped with a serial boundary at the customers request. This serial boundary makes communication possible with a PC. This is an advantage for customers that are on an ISO 9000 compliant system.

Models:

R4- four beakers

R8- eight beakers

R12- twelve beakers



Technical data:

Data represented on LCD display:

- type of method: Hartong, Congress, ASBC, Thermostat, Profile
- instantaneous temperature of bath
- time since the beginning of test

Adjustable data:

- choice of methods: HARTONG, PROFILE, CONGRESS, ASBC, THERMOSTAT
- temperature range: from 20°C to 95°C
- mixer speed: 0, 100, 200 R.P.M.
- time
- accuracy of temperature adjustment: $\pm 0,01^{\circ}\text{C}$
- accuracy of regulation: to $0,2^{\circ}\text{C}$
- accuracy of time adjustment: 1 sec

Signalization:

- acoustic and optical alarm

Electric data:

- voltage 230V/50 Hz