

TARBER SMOKE MASTER

for genuine, economic and environmentally friendly smoking



The TG-3000 MD and TG-4000 MD are completely automated and microprocessor controlled smoke generators for use with high quality smoke condensates. The Tarber Smoke Master control system is user friendly. TSM monitors vital parameters such as main air pressure, tank and nozzle pressures, actual

liquid flow, total consumption, smoking cycles, error messages and displays this information on a LCD screen. The data logging system will record all vital information from the last five smoking sessions, and can also be connected to a separate data logging system.



The TG-1100 MS and TG-1200 MS are semi-automatic smoke generators for smaller processors. TG-1100 serves a single smokehouse, and the TG-1200 double unit will serve two independent smokehouses. The systems can handle maximum six trolleys. A built in PLC controls smoking cycles, circulation cycles, EV cycles and EV/clean-blowing after finished smoking. Pressure and flow settings are controlled by hand regulators. Analog flowmeters for showing the flow-rate. A pulse-clean function with fixed cycles eliminates problem with blocked nozzles.



A pulse-clean function with fixed cycles eliminates problem with blocked nozzles.

Comparison table

The different Tarber smoke generator models offer solutions for all types of smoking processes and producer demands. In this table you can find out which system that best will stand up to your demands and specifications.



Properties:

| | TG-100 | TG-1100 MS | TG-1200 MS | TG-3000 MD | TG-4000 MD |
|---|----------------|-------------------|-------------------|-------------------|-------------------|
| Automatic level | Manual | Semi-automatic | Semi-automatic | Fully automatic | Fully automatic |
| Graphic display | No | No | No | Yes | Yes |
| Capacity | 1-4 nozzles | 1-4 nozzles | 1-4 nozzles | 1-8 nozzles | 1-8 nozzles |
| Capacity, smokehouses | 1 | 1 | 2 | 1 | 2 |
| Capacity, trolleys (hot/cold smoking) | 6/-- | 6/30 | 6/30 | 12/60 | 12/60 |
| Pressure regulators | Manual | Manual | Manual | Electronic | Electronic |
| Pressure and flow control | Manual | Manual | Manual | Electronic | Electronic |
| Flowmeters | Analog | Analog | Analog | Digital | Digital |
| Actual consumption monitoring | --- | --- | --- | Displayed | Displayed |
| Total consumption monitoring | ---- | --- | --- | Displayed | Displayed |
| Safety functions, allowing unattended smoking | No | No | No | Yes | Yes |
| Pressure guard and alarm | No | No | No | Yes | Yes |
| Alarms for high or low flowrates | No | No | No | Yes | Yes |
| Shut down function - flowrate out of range | No | No | No | Yes | Yes |
| Energy saving function reduces consumption of compressed air | No | No | No | Yes | Yes |
| Pulse clean functions | Fixed settings | Fixed settings | Fixed settings | Multiple settings | Multiple settings |
| Manual smoking for functionality test | No | No | No | Yes | Yes |
| Nozzle check | No | No | No | Yes | Yes |
| Dual Tank option | No | No | No | Yes | Yes |
| Built in data logging | No | No | No | Yes | Yes |

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