Mimic In-House Article
Subject: Industrial Timers
Date: 12th November 2026

Industrial Timers

Measure, count, track product length & display running speed








Smart industrial processing and automation for timing, sequencing and length measurement can be simplified by using the right type of multifunctional meter. As modern manufacturing depends on accuracy, consistency and efficiency, the right control device can simplify production processes, reduce manual intervention and help keep machinery operating smoothly. Three practical solutions are the SQT Series Sequential Timers, LC-1046D Length Counter and MDT-1310F Thumbwheel Timer.

The SQT Series Programmable Sequential Timers available in 4, 8 and 12-channel models (SQT-1022, SQT-1044 and SQT-1244), are designed to control multiple operations in a predetermined sequence. Each relay activates a separate device at the programmed time and for the required duration. Features include adjustable timing from seconds to hours, cyclic operation, cascading outputs, remote reset and power-failure memory. For example, in a packaging factory, the timer can coordinate product clamping, filling, sealing and release, ensuring each stage follows the correct sequence. It is equally useful for controlling irrigation valves, dust-filter cleaning systems and industrial ventilation.

The LC-1046D Length Counter is designed for accurate production monitoring. The multifunction meter measures Pipe Extrusion, Printing Machinery and Textile material length, as well as displaying running speed in metres per minute (MPM) and also tracks production quantities. Supporting proximity sensors, micro switches and compatible encoder inputs, it offers a dual-colour display, automatic or manual reset and a relay output. For example, on a pipe extrusion line, the counter can measure pipe length and send a signal to the machine's control system when the required length is reached. The machine can then stop automatically if correctly connected and configured.

The MDT-1310F Thumbwheel ON/OFF Timer provides straightforward and reliable time-delay control. Its features include a bright red LED display, easy thumbwheel adjustment, selectable seconds, minutes and hours, up/down counting, delayed ON/OFF operation, relay output and power-failure memory. In a food-processing facility, for instance, it can manage timed heating cycles or control operating intervals on packaging equipment.

Together, these products can offer practical solutions for better process control by way of consistent production cycles and improved operational efficiency across a wide range of industrial applications.

Call us for more information on processing multifunction devices.

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