

TechMaster™ - World's Most Flexible Printing System

TM-1000 series

Designed for medium to large enterprises printing applications, TechMaster delivers robust and highly scalable printing on both porous and non-porous substrates. Featuring multi-printhead system, it offers high throughput printing for multiple production lines. The multi-head printing system is centrally controlled by Input-PRO™ controller for streamlined management and reliability. The system features QuikSwap™ cartridge for hassle-free setup and absolutely no-maintenance.

2-inch printhead delivers variable image height ranging from 2 mm up to 48 mm



One PrintStation™ can control up to 4 printheads



Powerful yet easy to operate Input-PRO™ controller



Key features include:

1. Fully configurable multi-printhead.
2. Fully expandable up to 124 0.5-inch printheads.
3. Integrated network printing capability.
4. Versatile printable images: alphabets, numeric, logos, barcodes & 2D barcodes.
5. Variable image height from 2 mm ~ 48 mm.
6. Three models of printheads; 0.5-inch, 1-inch and 2-inch.



SPECIFICATIONS

Input-PRO™

- CPU32 bit/66 MHz
- Display240 x 128 Pixels (5" large) LCD with LED Backlit
Manually switch-off
- LED Indicators3 Indicators: Alarm, Ink-low, Ready
- Hot KeysDual-hot-key for easy-to-operate
QWERTY keyboard layout
- Power SupplyAC 100 V-240 V, 50/60 Hz, 2 A, Auto-switching
Power consumption Max. 60 Watts
- MountingFixed sideways mounting
- Measurements280 x 180 x 60 (H x W x D: mm) 11.0 x 7.1 x 2.4 (H x W x D: inch)
- Weight1.4 Kg (3.08 Lbs)
- Special FeaturesTruly stand-alone (No PC required)
Control up to 31 Printstations or 124 PrintHeads
IP-54 industrial reliability verifications with dust and water resistance
Build-in SD card socket for easy software upgrading (extendable up to 1 GB)

PrintStation

- Printhead Control CapabilityPS1: 2 Printheads at 1" (24.4 mm) height of print capability
PS2: 4 Printheads at 2" (48 mm) height of print capability
- CPU32 bit/66 MHz
- LED IndicatorsPS-1 Indicators: Alarm, Ink-Low, Print and Run
PS-2 Indicators: Alarm, Ink-Low, Print and Run
- Power SupplyAC 100 V-240 V, 50/60 Hz, 2 A, Auto-switching
Power consumption Max. 60 Watts
- MountingFixed side mounting
- MeasurementsPS-1: 202 x 146 x 75.5 (L x W x H: mm) 7.9 x 5.7 x 3.0 (L x W x H: inch)
PS-2: 202 x 146 x 99 (L x W x H: mm) 7.9 x 5.7 x 3.9 (L x W x H: inch)
- Special FeaturesBuild-in SD card socket for easy software upgrading

Printhead

- "Plug & Print" Compact Print CartridgeBuilt-in Hewlett-Packard 600 dpi print engine
- Print DirectionsHorizontal (standard) and down (optional for 370 cc Bulk Ink System)
- Special FeaturesAnti-Shock mechanism design
- MountingSideways mounting with side printing bracket
Downside mounting with downside printing bracket
- Distance to Print SurfaceNot greater than 6 mm (0.25")
- Print Speed (Conveyor)75 m (225 feet) at 300 dpi horizontal resolution
- Character HeightPrint height from 2 mm to 48 mm (0.1" ~ 2").
Max. print height at 48 mm (2")

ACCESSORIES & OPTIONAL SOFTWARE



External Alarm Module

Includes a tri-color strobe light which can be connected with the printer as an external alarm

P/N: 7003007002 (110V)

P/N: 7003007003 (220V)



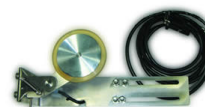
PH1/PH2 Down Side Printing Kit

P/N: 7003004003



PH05 Down Side Printing Kit

P/N: 7003004004



ENCODER KIT

P/N: 7003002021 (300DPI)

P/N: 7003002022 (400DPI)

P/N: 7003002023 (350DPI)

P/N: 7003002024 (250DPI)

P/N: 7003002025 (200DPI)

Software

Conso-PRO

The Conso-PRO PC software is user-friendly and easy-to-use software, allowing you to edit and send the message from PC to the TM-1000 PrintStation for printing.