



PALCO
Industrial Marking and Labeling, Inc.
www.palcosys.com

11490 South 153rd Street • Omaha, NE 68138
PH: (402) 556-7000 • TF: (800) 255-7252 • FAX: (402) 556-6622

.core

COMPONENTS CATALOG



norwix
MARKING SYSTEMS

15" User Interface (5019311G)

The User Interface (UI) is a Windows XP Embedded, 15" touch screen computer which provides print job design, printer configuration, control and monitoring for up to sixteen Print Controllers or four lines. The 15" UI has both IPS Director and IPS Producer pre-installed. It is supplied with a keyboard and mouse and a keyboard mounting bracket suitable for installation on the Fixed Stand. A USB port allows for connection to hand held barcode scanners or for thumb drives to upload print jobs.



6" User Interface (5018188G)

The User Interface is a Windows CE industrial touch screen computer, providing printer configuration, control, and command from a single point for up to sixteen Print Controllers or four lines. IPS Director is preinstalled. Operationally, a wide variety of operating conditions can be monitored in real-time, including job types, counts and even ink consumption. A USB port allows for connection to hand held barcode scanners or for thumb drives to upload print jobs.



1" Integrated Print Head (Standard Profile) (5019216G-2PEN)

The .CORE printer is a rugged, industrial, enclosure containing an norwix jet.engine V5 print control card and two Standard pen stalls providing a 1" print capability. The box has industrial connections, and is internally cooled without drawing in outside air.



2" Integrated Print Head (Standard Profile) (5019216G)

The 2" integrated head provides 2 inches of vertical print that can be placed within 1½" above the conveyor, making it ideal for many case coding applications. Like the 1" variant, it has internal bulk ink regulators and connections for mounting the sensor on the left or right. It is also supplied with an external ski assembly and all power cords



2" Integrated Print Head (Low Profile) (5019310G)

The low profile .core integrated head is available only in a 2" print variant. It enables printing to start from ½" from the conveyor. It is supplied with internal bulk ink regulators, connections for mounting the sensor on the left or right and an external ski assembly and all power cords.



.CORE Accessory Kit (5019309G)

The accessory kit provides sensors, encoders, associated brackets and a stack light assembly. The kit is necessary for the first .core unit to enable printing. For additional connected .CORE units, no other accessory kit is required as signals from the sensor and encoder can be shared using the daisy chain cable supplied with the .CORE



Ethernet Switch Kit (5018683G)

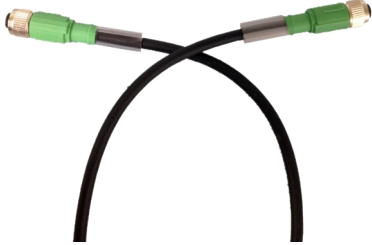
norwix offers a 5-Port Ethernet Switch kit. This is required for all systems with multiple .COREs or a connection to a plant network.





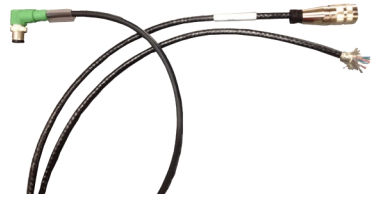
Input/Output Cable Assembly (4971072G)

This cable assembly provides connection to the 8 signals on the I/O connector. The standard cable length is 3 meters. Cables are available in custom lengths by special order only.



Sensor Interface Cable (4971005G)

The .CORE has an internal sensor and cable. For situations where an external sensor is needed, a separate cable is available.



Bulk / IO Splitter Cable (4971006G)

The .CORE has a single connector where the Bulk Ink Holder with empty detect connects to. For situations where an I/O port is also required, this cable can be used to support both the Bulk and an I/O port.



Fixed Floor Stand (5018774G)

The vertical stand is a fixed unit with a movable arm for rigid mounting of the print head. This stand is designed to be permanently attached to a concrete floor. It has mounting channels on each side, allowing for .CORES, bulk ink, user interface, print heads and other attachments.



Additional Arm for Fixed Floor Stand (5018704G)

When an additional print head is required to increase print height or to place the print head in a different position, a further arm can be mounted to the Fixed Floor Stand.



Adjustable Conveyor Mount (5018850G)

The Adjustable Conveyor Mount allows mounting of a print head or swing arm onto the conveyor assembly. Once mounted, the system allows easy up-down and in-out component adjustment. The vertical bracket slot allows 8.25" vertical range of motion. The Horizontal bracket allows a 6" range of motion.



Spring-loaded Slide Mount Kit (5019300G)

The spring-loaded slide mount is designed to provide accurate and reliable retraction and return of print heads for up to 1/2" of motion from its original set position. Optimal print quality is accomplished by keeping the pens in contact with carton surfaces without the need for repeated adjustment of the mounting equipment.

800mL fuel.tank Bulk Ink Holder with Empty Detect Kit (5018649GC)

The 800mL Bulk Ink Holder with Empty Detect Kit is a gravity-feed bulk ink system with attached mounting hardware designed for Managed Inks. The unit detects when the bulk container is empty and has an LED (Green/Red) that displays the ink status. The Empty Detect switch connects directly to the .CORE I/O Connector using the included Cable Assembly.



Tech Wipes—Pack of 150 (1952217)

High absorbency, heavy duty wipes are ideal for cartridge maintenance. Can be used wet or dry, made from a hydro-entangled blend of Polyester & Cellulose, and will not leave any lint residue behind.



Nozzle Priming Kit (5019065G)

This kit is used to remove air from a nozzle ink chamber on the cartridge. It is supplied with a plastic syringe and cartridge clip.



Recommended Inks

Carton Black Plus (1953339M) 42ml Cartridge

Carton Black Plus (1953340M-P3) QD Bulk Cartridge

Carton Black Plus (1953341M) 800ml Bulk

Carton Black is an excellent all around ink, especially for printing on corrugate. It has excellent de-cap characteristics together with waterfast capabilities. It consistently gives very good print quality

