

# kortho

## QiC Thermal Transfer



Windows 8

Microsoft Dynamics  
Windows Azure

NiceLabel

MySQL

ORACLE

SAP

## The new TTO-printer for flawless printer integration

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# Kortho

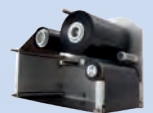
## QiC Thermal Transfer



## QiC TTO Thermal Transferprinters for flawless printer integration

Kortho Coding and Marking, the reliable supplier of high-quality equipment since 1958, developed a new printer-line: Kortho QiC intermittent and continuous thermal transferprinters. Designed from scratch, using the latest technologies, with the aim of delivering maximum performance. Extensive reliability and perfect prints suitable for a wide number of applications. A thermal transferprinter with smart drive to print over and over again.

**Fast Start-Up, Quick Ribbon change, Printhead safe-mode  
and an unique Ribbonscassette!  
Resulting in an excellent line efficiency.**



You will not only make your choice based on quality and reliability. Your Total Cost of Ownership and also your Overall Equipment Effectiveness are equally important. A QiC TTO-printer is programmed with special start-up procedures which ensures a very fast printready mode. Ribbon change is no more hassle.

The unique cassette with double handles gives a stable grip and platform when changing ribbons. The redesigned cassette contains a new ribbon pick-off spool which makes change fast and easy. A thermal printhead is an advanced piece of technology with a vulnerable thermal layer. The printheadcarrier is therefore lifted up into a printhead safe-mode to protect the printhead and ribbon during ribbonchange.

Please visit for more information our detailed website:  
[www.kortho.com](http://www.kortho.com)

## QiC TTO Advantages

The Kortho QiC TTO Thermal Transferprinter, a quality printer with clear advantages:

- The QiC Thermal Transferprinter (TTO) delivers high quality permanent accurate prints on flexible film packaging, laminates, labels and blister packs
- The best in efficiency and productivity in printing real time data with automatic update of, date, time, best-before, shift- batch- and lot codes, logos and ingredients.
- The QiC is suited with the latest 1D and 2D barcodes like Datamatrix, Databar and QR.
- QiC offers full downloadable font support for Windows TrueType including multiple languages, non-Roman characters, symbols and Unicode.
- Powerful pneumatic drive. Less wear out, dependable operation and lower costs (QiC i-series).
- Stable electronics and firmware. Higher productivity through faster print-cycles resulting in more up-time.
- Linear Control System. Always printing at the correct height and exact shape controlled by the LCS monitoring technology (QiC i-series).
- The high resolution color TSc12 touchscreen makes operation easy.
- A WYSIWYG printpreview is displayed on the color touch-screen while printing.
- The Operator can easily control the printer with all necessary information on-screen presented at a glance.
- Rapid Ribbon change with the unique pick-off spool.
- Nicelabel compatible. Free Nicelabel QiC-driver included.



### QiC Linear Control System (LCS)



## QiC Linear Control System (LCS) (QiC i-series).

QiC i-series printers feature the LCS technology to constantly monitor the position of the printhead and synchronise the print to be produced precisely and accurately along the length of the label format.

Barcodes rely upon accurate spatial positioning where the width of a single bar and it's distance from it's neighbour are crucial elements when later scanned. Similarly, image detection systems work best with characters that are at the correct height and exact shape. The LCS featured in the QiC ensures the highest quality of print to be constantly produced. The LCS if needed automatically detects and adjust the print accordingly.



## Nicelabel and QiC TTO: an ideal combination!

Open communication and plug-and-play installation are important features. No self-written software but open multi-platform Windows based software. Use best of both worlds. Kortho and Nicelabel joined together to develop a driver for the QiC.

The use of Nicelabel Software and the free NiceLabel driver for controlling the QiC Thermal Transferprinter offers several direct benefits:

- Direct connection with various type of databases through ODBC connectors.
- Connections with central management systems.
- Standard ERP connectivity like SAP, Navision
- Includes all codes, barcodes, unicode and TrueType fonts that are needed in modern labeldesign and printsoftware.
- Reliable (anti-counterfeit) serialization of products through direct foolproof ERP connections.
- Continuous development of software by the professional and independent NiceLabel Software Team.
- Nicelabel is available for any Windows based system and can be combined with several printingdevices and is not brand specific.
- Users only have to use Nicelabelsoftware for their Nicelabel equipped coding devices. Intuitive and simple operation by the logical and familiar Nicelabel format. One for all.



## A QiC Thermal Transferprinter for each coding application



### QiC 30i

- Print area: 53 x 30 mm
- Printspeed up to 400 mm/sec
- Reduced dimensions
- Ribbon cassette with double grip for stable and fast Ribbon change
- Printhead protection during Ribbon change
- Energy efficient



### QiC 53i

- Print area: 53 x 107 mm
- Printspeed up to 400 mm/sec
- Reduced dimensions
- Ribbon cassette with double grip for stable and fast Ribbon change.
- Printhead protection during Ribbon change
- Energy efficient

### QiC 107i

- Print area: 107 x 107 mm
- Printspeed up to 400 mm/sec
- Reduced dimensions
- Ribbon cassette with double grip for stable and fast Ribbon change.
- Printhead protection during Ribbon change
- Energy efficient



## Kortho and connectivity with Nicelabel

A Kortho QiC printer can operate completely stand alone with printlabels stored in its own internal memory. Each Kortho QiC printer also integrates seamless into a network through the Windows driver. The variable label information is in this case retrieved from external databases trough the network. Through the Windows driver the information can be sent directly from any Windows system (including ERP) to the printer. All comon database formats are supported.

### QiC C-series cL/cR

- Print area: 53 x 200 mm
- Compact mounting sizes
- Quick and easy Ribbon change
- Sustainable and stable Ribbon cassette.
- Energy Efficient
- Driven by TsC12 Command-box



By being able to manage labels with Nicelabel from any Windows based system, on the software side Kortho also creates a standard solution for custom coding needs. Nicelabel constantly integrates all new functionality that the market asks for into the basis of the software and also guarantees a worry free solution.

Kortho provides a worry free solution for all coding and marking needs by offering a range of machines that can be directly integrated in any productionline, now and in future.

### TsC 12 Controller

Driven by the 4,7" colour touchscreen controller, the operator can easily see the printer status at a glance. The integrated QiC Control software ensures a simple and reliable operation. The TsC12 is equipped with Windows software and is full ERP/network compliant.



## High Line Efficiency

## Low total cost of ownership



robust standardsupport with  
optional foil transportsystem



Stable and robust Ribbon cassette with  
unique Ribbon Pick-off Spool.



Printhead protection  
during Ribbon change.