

THE LX2000E COLOUR LABEL PRINTER –

PRIMERA'S NEW INDUSTRIAL GRADE DESKTOP PRINTER.

Labels are typically used for identification, warning and instruction and applied to boxes, bottles, containers, drums or other packaging materials. The application areas are diverse, and so are the requirements for the product labels and the ink used for printing these labels.

There are a variety of inks, dye based or pigment inks that can be printed on a large number of substrates. While dye based ink consists of dissolved dyes, pigment inks receive their coloration by floating colour pigments in the ink. Dye based inks infiltrate the printing substrate and contain a large colour spectrum, which enables the production of perfect, photo quality labels, whereas the pigment ink's colour particles stick to the surface and are not that bright as dye based inks. On the other hand pigment inks offer far more stability against harsh conditions including water, chemicals, abrasion and exposure to long periods of UV light.

REALLY DURABLE

Primera now offers new, specially

designed pigment inks, which meet section 3 of the BS5609 standards. BS5609 compliance means that a label has been tested and proven to be able to survive in salt water for up to three months. If a label is BS5609 compliant, it has met the most stringent tests for durability in the industry.

The LX2000e colour label printer is Primera's newest and fastest pigment inkjet label printer using the BS5609 Section 3 certified ink. This industrial grade machine represents an entirely new product class and is suitable for use in production lines due to its extremely robust construction. The LX2000e stands out for its reliability and consistency of output, which is extremely important in the logistics or chemical sector, for example.

The combination of pigment based inks and various synthetic materials like Primera's Tuffcoat Extreme Polyjet material make LX2000e labels highly water and UV resistant. This durability supports applications such as frozen or refrigerated foods, beverages,

but also bath and shower products or containers and drums of chemicals.

LOTS OF BENEFITS

Large, separate ink cartridges for cyan, magenta, yellow and black keep cost per label low, while print speeds of 152.4 mm per second in draft mode, along with 203.2 mm print width produce full colour labels extremely quickly.

Wired ethernet, USB 2.0 or wireless connectivity enables an easy integration of the LX2000e in existing production processes, and allows printing jobs to be decentralised started and controlled whilst supporting the cost evaluation. This feature is a must have for companies with several production sites.

The built-in 'pizza wheel' label cutter, which is already a standard feature for an industrial grade printer, not only cuts individual paper labels but also through heavy papers and plastics. The LX2000e also features a front colour LCD control panel and a viewing window for label stock levels. **PS**