



ESSENTRA

PATRON® TAGGANT

The Patron® Taggant authentication system provides unrivalled protection for high-value counterfeiting targets, including consumer goods, luxury items and safety-critical products.

Features

Invisible marker detectable by specialist handheld devices

Security and confidentiality guaranteed

One of the most secure authentication solutions available in the market

Incorporates easily into existing designs and production processes

A closed-loop, end-to-end security system





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TAGGANT READERS

Patron® Taggant readers authenticate the presence of Patron® Taggants. The Essentra readers are supplied fully programmed and calibrated, with a 12-month warranty. Patron® Taggant readers cannot be reverse engineered to reveal anything about the taggant material.

Essentra offer two reader types as described below.

TPR (taggant pocket reader): Offers a compact design for greater discretion. Ideal for field authentication of fast moving consumer goods (FMCG). Provides authentication response by LED and/or vibration in two seconds.

HHR (hand-held reader): Designed for authenticating flat surfaces such as cartons. Provides authentication response in two seconds by LED and/or text display via the programmable LCD screen.





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AUTHENTICATION FOR THE DRINKS INDUSTRY

OVERT PROTECTION

Overt security technologies enable our customers to enhance their brand identity as well as supplying strong visual consumer validation of an authentic product.

The colourshift and holographic elements used here

- Offer a secure quality mark that cannot be easily copied
- Are identifiable by the customer
- Project a high-quality brand image
- Are straightforward for the brand owner to implement

BOTTLE NECK LABEL - Cold foil holographic strip
- Serialisation



WINE BOTTLE LABEL (front) - Screen-printed Colourshift 702 red/gold



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AUTHENTICATION FOR THE DRINKS INDUSTRY

COVERT PROTECTION

While overt security technologies offer instant consumer verification, they can also leave a product vulnerable to counterfeiting. Covert technologies offer the next layer of protection, requiring trained users to verify authentic product with reading devices.

The Patron® Taggant solution used here

- Provides covert-forensic level security
- Offers lock-and-key system as specific reading devices are required to authenticate product
- Does not produce a visible response under standard, infrared or UV illumination



WINE BOTTLE LABEL (reverse) - Flexo taggant print