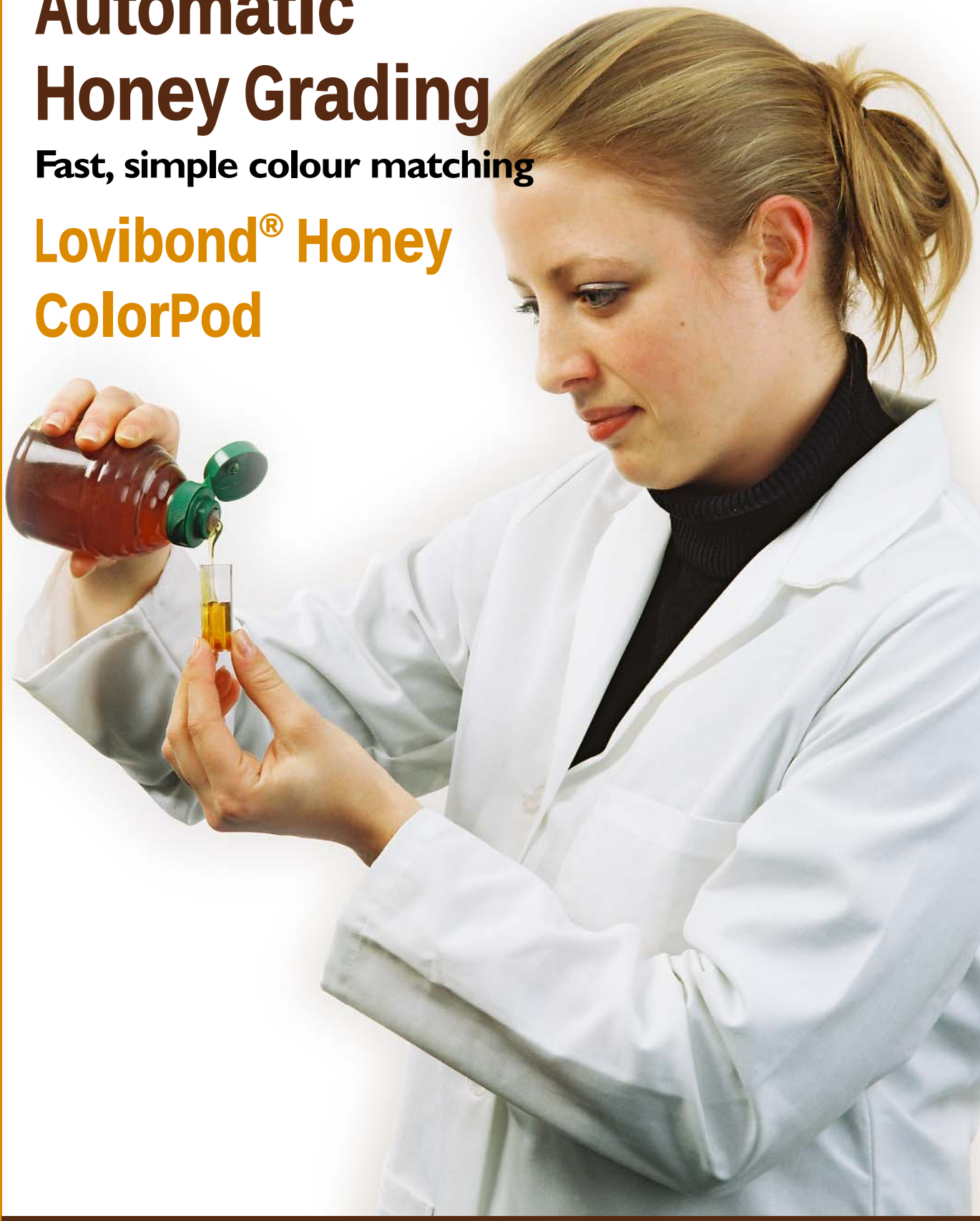
Lovibond® Colour Instruments

Automatic Honey Grading

Fast, simple colour matching

Lovibond® Honey ColorPod



Advanced Colour Measurement in Laboratory, Plant or Field

Lovibond® Colour Instruments

Lovibond® Honey ColorPod

Portable, economical accuracy

Lovibond® Honey ColorPod

The Tintometer Ltd. has introduced a new hand held photometer for the analysis of Pfund colour units. The Lovibond® ColorPod is based on proven technology that has been utilised in the water testing area for a number of years.

Traditionally Pfund colour units have been derived using subjective visual assessment in a Pfund Honey Colorimeter or against glass standards. This can lead to differences in reported values between users. A more objective approach is to use an instrumental method based on a photometric measurement.

The Lovibond® Honey ColorPod combines simplicity with accuracy for the measurement of colour in the honey industry. The instrument is compact and portable allowing for measurements to be made in-situ, rather than having to carry samples back to the laboratory.

The measurement is performed using two single wavelength LEDs at right angles to each other. Light at 430 nm and 530 nm is passed through the sample being analysed. The transmitted light is then related to the Pfund colour scale or to the seven USDA Honey classifications. The LED will last the lifetime of the instrument. Samples are measured in 10 mm path length plastic cuvettes, with four clear sides, that are inserted into the spill proof sample chamber. The measurements take only three seconds to perform, with results output in mm Pfund honey.

Honey ColorPod with a range of samples that can be quickly and simply tested.

To ensure the robustness of the instrument, the casing is splash proof with a chemical resistant keypad fitted. To maintain battery life the instrument powers itself down if it has not been used for five minutes.

For further information contact sales@tintometer.com or call our sales team on (01980) 664800.

Instrument Part no;	440110
Plastic 10 mm 4 sided cell (pack of 100)	132750

Using the Honey ColorPod

Fill a cell with the sample to be tested making sure the outside of the cell is kept clean and dry.

Switch the ColorPod on and ZERO with a cell filled with glycerine

Insert the sample-filled cell and press TEST. Results will be shown in mm Pfund honey.

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