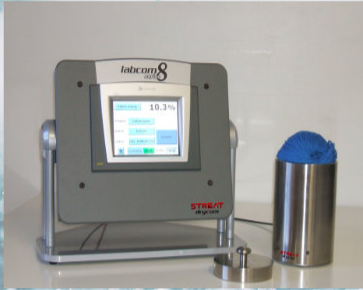


STREAT drycom

LABCOM 8 Series Off-Line Moisture Measurement System



Applications

LABCOM 8 Series Moisture Meters provide immediate, accurate and non-destructive moisture tests so there are no delays waiting for oven dried laboratory results.

Sensors are designed for a wide range of off-line applications to allow testing of:

- Loose Fibre
- Cones of Yarn
- Hanks of Yarn
- Tops
- Fabric
- Towelling

- Carpet
- Wood Fibre
- Non-wovens
- Food Products
- Healthcare & Sanitary Products
- Sliver

Benefits

LABCOM provides accurate, immediate and non-destructive results.

Benefits include:

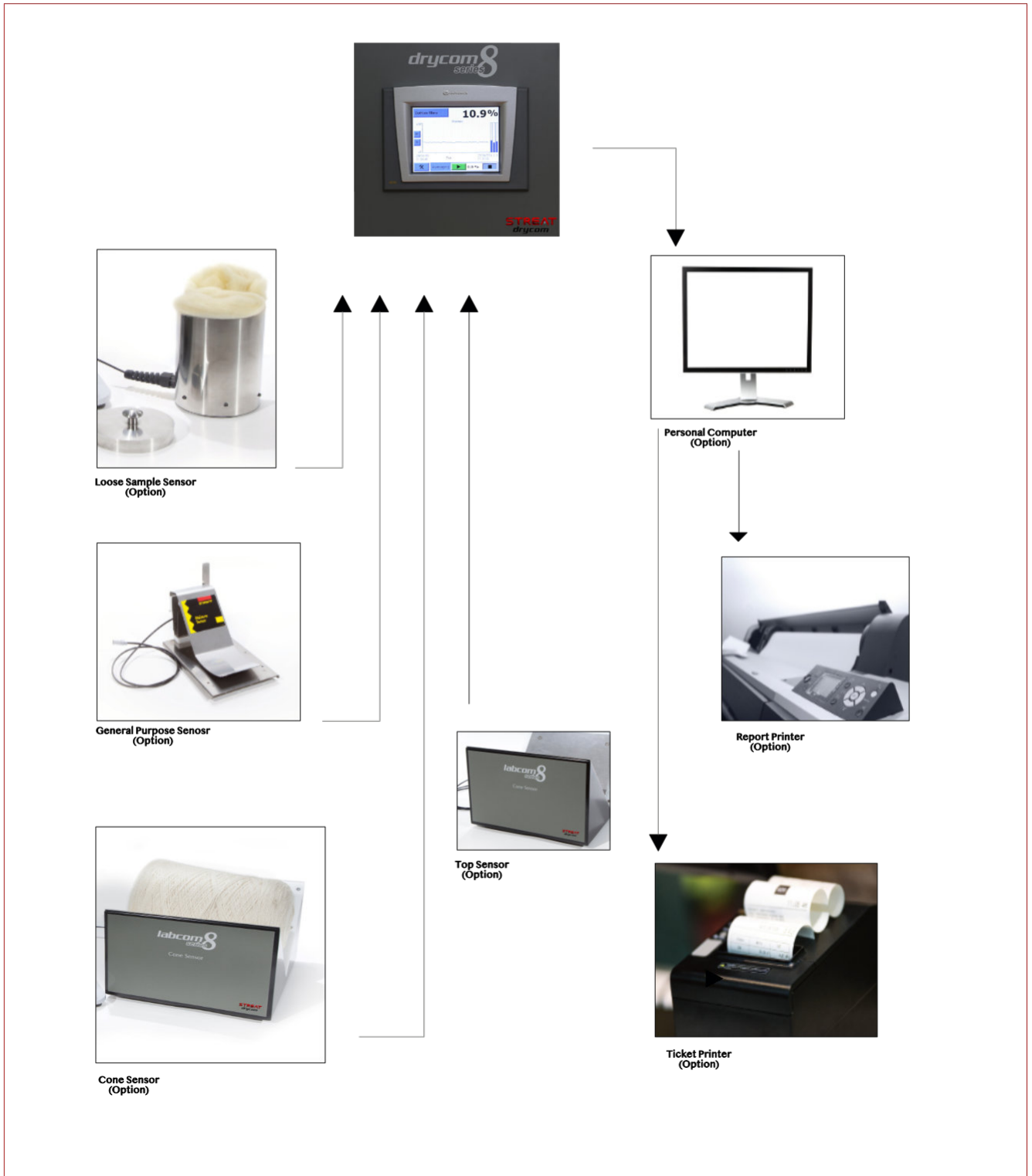
- Immediate results mean more samples can be tested, ensuring a representative result
- Reduced waiting time for test results. This means that if necessary corrective action can be taken immediately, minimising any out of spec product.
- Accurate and consistent results, not dependent on operator, weighing or drying system variables.
- Ability to carry out tests in the processing plant rather than having to take samples to a laboratory.
- Ability to mount on-line sensors on critical pieces of plant and use the Labcom Moisture Meter to monitor the moisture at these locations when required.
- Minimised use of labour for testing.
- Ability to log information directly to computer, reducing possibility of recording errors.
- Increased Profits
- Improved Processing
- Increased Productivity



Configuration

The LABCOM system is useful not only for final product moisture measurement, but also for testing the moisture of the product along the processing chain, making it an invaluable trouble-shooting tool.

The LABCOM system can be expanded to include a Personal Computer and printer to provide full reporting, ticket printing etc.



LABCOM 8 Series Technical Specifications

LABCOM Moisture Measurement Systems are precision instruments that have been designed to assist Textile, Food and Related Industry Processors to optimise their production processes and maximise productivity, quality, operating efficiencies and profitability.

Measuring Ranges – Textile fibres, sliver, yarn, fabric etc

Fibre	Regain % Range	Moisture Content % Range
Acetate	0 to 13	0 to 12
Acrylic	0 to 4.0	0 to 4.0
Cotton	0 to 25	0 to 20
Cotton/polyester 50/50	0 to 12	0 to 11
Cotton/viscose 50/50	0 to 27	0 to 22
Flax	0 to 25	0 to 20
Jute	0 to 30	0 to 23
Nylon 6	0 to 10	0 to 9
Nylon 66	0 to 10	0 to 9
Polyester	0 to 1	0 to 1
Polypropylene	0 to 0.9	0 to 0.9
Silk	0 to 25	0 to 20
Viscose	0 to 30	0 to 23
Viscose/polyester 50/50	0 to 15	0 to 13
Wool	0 to 35	0 to 26
Wool/nylon 50/50	0 to 25	0 to 20
Wool/polyester 50/50	0 to 17	0 to 15
Wool/viscose 50/50	0 to 30	0 to 23

Product	Regain % Range	Moisture Content % Range
Dried Biscuit	0 to 20	0 to 18
Flaked Wheat	0 to 25	0 to 20
Malt	0 to 20	0 to 18
Meat Meal	0 to 12	0 to 10
Soya Bean Meal	0 to 18	0 to 16
Sunflower Meal	0 to 20	0 to 18
Tobacco	Typically 0 to 30	Typically 0 to 25
Wheat	0 to 25	0 to 20

Measuring Ranges – Non Textiles (examples only, contact us for a complete list)

Specifications

Power Supply	<p>Sensor Hub 24v DC (supplied from Touch-Screen)</p> <p>Touch-Screen Universal Power Supply for 100 to 260 volt, 50 or 60 Hz operation, Power consumption: 30 watts</p>
Dimensions (mm)	<p>Sensor Hub 280 (W) x 170 (H) x 90 (D) 2.5kg</p> <p>Touch-Screen 330 (W) x 280 (H) x 130 (D) 4.4kg</p>
Operator Interface	Full Colour Touch-Screen
Interface	Industrial standard interfaces for connection to other devices (SCADA systems etc)
Moisture Sensors	Wide range available depending on application – contact us for details
Enclosure	Hose-proof and Dust-proof with IP65 rating
Environmental	0°C to 45°C, maximum humidity 90% RH

STREAT *drycom*

Drycom instruments are committed to supplying the Textile Industry with quality instruments to improve profitability, production and quality. Drycom Instruments have over 500 installations in more than 50 countries and have a comprehensive international support network.



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