

STREAT INSTRUMENTS

Water?



We've got your measure!

Moisture Measurement
& Control Systems

STREAT INSTRUMENTS

Proven Moisture Measurement and Control Systems

Streat Instruments DRYCOM Moisture Measurement and Control Systems have been proven for a wide range of applications including Textiles, HealthCare & Sanitary Products, Non-wovens and Food Processing.

Moisture is a critical factor in many application areas and processes. By measuring the moisture significant benefits can be obtained.

DRYCOM systems are designed to assist users to optimise production processes and maximise productivity, quality, operating efficiencies and profitability.



Fibre Opening ▶



Breakfast Cereals ▶

DRYCOM Benefits

Users of DRYCOM systems report many significant benefits including:

- Increased profits
- Increased productivity (20 to 30% in some cases)
- Improved and consistent product quality
- Improved downstream processing.
- Reduced energy consumption and wastage
- Avoiding overdrying
- Elimination of reprocessing
- Increased average moisture content (resulting in higher sales value)
- Reduction in claims from customers
- Reduced shade variation

**DRYCOM Makes Moisture
Work FOR You!**



Cones of Yam ▶

DRYCOM Applications

DRYCOM systems can provide solutions (on-line and off-line) for many applications including:

- Cotton - from ginning to fabric
- Wool - from scouring to fabric
- Viscose - from fibre to fabric
- Man-made fibres
- Fibre blends
- Fabric, toweling, carpets, finished garments etc
- Food products
- HealthCare & Sanitary products
- Non-wovens
- Yarns, carded fibres etc
- Wood fibre
- Tumble dryer control

New applications are being developed all the time, contact Streats with your requirements.

Moisture Problems?

Ask Streats!

Whatever your moisture requirements, we will source an appropriate solution.

Moisture Solutions for Industry

Streat Instruments pride themselves on their ability to work with their customers to provide reliable, cost effective solutions that are appropriate for the customers' needs.

Streat Instruments DRYCOM systems have been designed to be easily integrated into Plant Management systems, SCADA systems etc.

Factory Wizard

Streat Instruments Factory Wizard system can be as simple as a PC based Chart Recorder or can be built up to a full SCADA package.

Factory Wizard was initially developed to replace the conventional Chart Recorders used with DRYCOM. Being a modular system it can easily be built up to provide a total plant monitoring and control solution (eg the Streat Instruments ScourWizard system).



Carpet ▶
Weight
Check

Moisture Control = Increased Profits

DRYCOM Configuration

DRYCOM systems can be configured to provide:

Moisture Measurement

Provides continuous, accurate and non-destructive moisture measurement

Dryer Moisture Control

Maintains the product moisture at the desired level by regulating the speed or energy supply of the dryer.

Moisture Spray Control

Precisely controls the application of moisture to 'condition' the product to the desired moisture level.



Fabric ▶

DRYCOM Operation

The DRYCOM Moisture Meter measures the moisture in the product continuously and can be used for both on-line and off-line applications.

The DRYCOM Moisture Meter uses a unique adaption of the conductivity principle and is designed to provide precision measurement in hostile industrial environments.

The DRYCOM Moisture Meter:

- Can measure to 0%
- Is not affected by normal variations in product thickness and density
- Takes into account the moisture profile in the product
- Can accurately measure materials with highly variable moisture levels
- Is not affected by surface characteristics and product temperature

The above features give DRYCOM significant benefits over other conductivity instruments and instruments that use capacitance, infra-red and other moisture measurement techniques.

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