

**PRESS RELEASE FOR ALL MEDIA FOR FREE REFERENCE
NEWS ABOUT PRODUCTS AND SERVICES
PROCESS SENSORS**

A new **revolutionary** portable moisture meter model **MK30R** is published. It is a unique model utilizing new microwave technology. It has the capability of penetrating deep into matter, 30 mm typically. Measuring area is 40 mm in diameter. It has its own keyboard and display and data transfer is via a Bluetooth 100 m wireless link. All existing programs are capable of reading the data. Applications are in pulp, paper, corrugated, wood, soil, animal feed etc. Both the basis weight and the moisture ranges are exceptionally wide. Black papers are now possible to be measured. **MK30R** can measure both rotating and static reels and most running paper webs down to about 30 g/m² at 5% moisture. It has a device for sensing the distance to match every time the same profile along the reel.



APPLICATIONS: PULP, CORRUGATED, BLACK PAPER AND BOARD, TEXTILES, FELTS, WOOD, REELS and WEBS

AVAILABILITY: Now

The new model **MK30R-PF** is a unique product. It is very similar to **MK30R** with the main difference that the sensing head is at the end of a stick of 140 mm with a handle specifically for measuring paper form moisture in production conditions. The sensing head size is 15 x 15 mm. The moisture value may go up to 30 % or more. The specific application for this model is **paper forms** in which you can go deep in the structures to find wet spots. It is good for boards and corrugated for detecting wet streaks being invaluable for process troubleshooting



APPLICATIONS: PULP, CORRUGATED AND BOARD, TEXTILES, FELTS. ESPECIALLY FOR PAPER FORMS

AVAILABILITY: Now

The new model **MK30R-RM** is a unique products. It is very similar to **MK30R** with the main difference that the sensing head is at the end of a very long stick with a handle specifically for measuring moisture in production conditions. The sensing head size is 15 x 25 mm with a flat skid around it to stabilize it in difficult conditions. The moisture range is very wide covering practically all paper and pulp processes. It is targeted for manual measurement of running webs for pulp and paper for QC and troubleshooting. The standard length of the stick is 100 cm but can be modified at time of ordering to anything between 10 and 500 cm. The sensing head has a swivel for tilting the head to better access hard-to-reach spots. It has a button for starting the sampling to memory and an indicator light.

APPLICATIONS: PULP, PAPER, CORRUGATED AND BOARD, TEXTILES, FELTS



AVAILABILITY: May 2024

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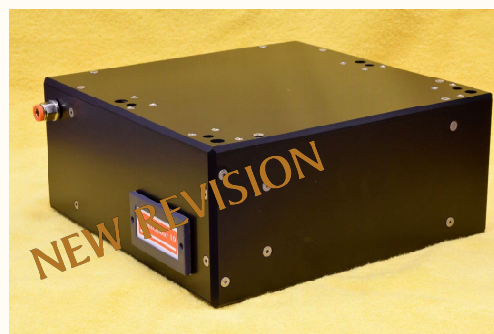
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AK30

Our portable infrared moisture meter continues its successful path as the most popular model. It has applications in pulp, paper and board industry, textiles, felts, filters, minerals, wood chips, sawdust, recycled fiber, waste paper, bio fuels with fine particles, packing papers, liners, corrugated and soft materials, simple to use but useful features for advanced work. It is fully portable and stand-alone, an easy-to-travel companion, no wire tangles

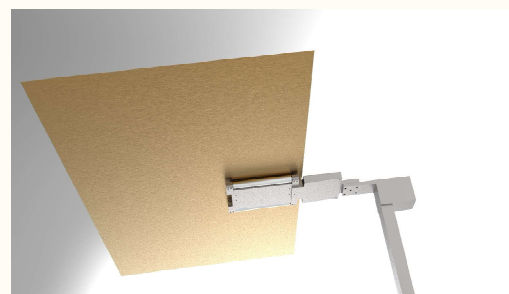


A new revision 6 of the on-line colour sensor **FrontColour 10** is now available. It is used for plastics, pulp, pigments and paints, printing, papers, most solid materials. Measurement is by CIE 1964 10° and any of the optional illuminants: A/C/D50/D55/D65/D75. The colour system is CIE L*a*b*. FrontColour 10 is analyzing X, Y, Z, chromaticity coordinates x,y,z - CIE L*a*b*, L*u*v* and Lu'v', Yellowness J, TAPPI brightness R457, CIE whiteness W, CIE Tint, colour differences for L*, a*, b*, chromaticity, hue. Also a special Primary reflectance data R(λ) is obtained. It uses a CCD spectrometer as for analyzing the spectra. This is a category B device for on-line measurements with superior stability working at a distance of 50 mm. The spot size is about 8.75 mm in diameter. It has one sensing head, USB, RS232, analog outputs 5 V (4) and 4-20 mA (1). It conforms to CIE 15:2004 and CIE 176:2006 requirements. **AVAILABILITY: Now**



APPLICATIONS: ON-LINE AT PULP, PAPER AND PIGMENTS, TEXTILES, PLASTICS, SPECIAL PAPERS

A new on-line moisture meter series **MK30LP** is published. It is a new unique model utilizing special UHF radio wave technology. The pricing is of exceptionally low level. It has the special capability of penetrating deep into matter, 25 mm typically. Measuring area is 26 x 105 mm. Data transfer is via a RS232/485 and analog signals. The structure is only about 15 mm thick and requires contact. Applications are in pilot and production machines and research of pulp, corrugated, thick papers and boards, black paper etc. The basis weight range is very wide and also the moisture range is according to normal dry end readings. The software MK30LP supports acquisition from up to 30 sensors via RS485. MK30LP comes as DUAL or SINGLE with two or one sensor. It has two rollers at edges to reduce wear. Various special versions available, like **MK30LP-CUBE**.



AVAILABILITY: Now

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Discontinued products replaced with other models:

- **MK30 Compact** is replaced by **MK30R**. It has a great enhancement in ergonomy and features
 - **FrontColour 5** TAPPI Brightness sensor is replaced by **FrontColour 10** CIE colour on-line meter with a wealth of features and capabilities. The boxes and mounting points are the same.
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COMPANY NEWS

We have new distributors and agents:

South Korea: Sane Calibration Instruments Co. Ltd.

Germany and Nordic countries: NIPMAN AB.

Please connect to them via our web site. Check on our web site for the current representative in your country. Other regions are directly sold by Visilab.

Visilab is located in Monninkylä which is a small village some 80 km from Helsinki. Visilab has built a quality control system according to **ISO 9001**. We are stressing on high quality in all steps from design to production and from marketing to after-sales operations.



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