PRESS RELEASE FOR ALL MEDIA FOR FREE REFERENCE

NEWS ABOUT PRODUCTS AND SERVICES

PROCESS SENSORS

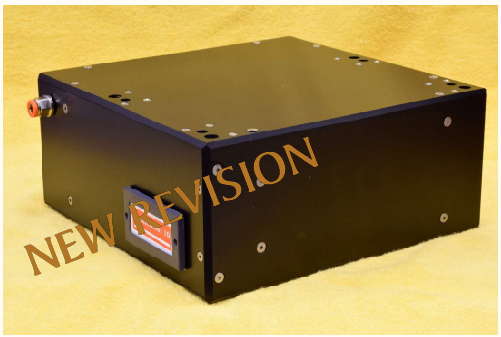
OUR MICROWAVE PRODUCTS ARE BASED ON ADVANCED DYNAMICAL ANALYSIS ALGORITHMS AND SIGNAL PROCESSING.

AK40GW-P



The infrared portable moisture meter is suitable for small tight spaces. It has applications in pulp, paper and board industry, textiles, felts, filters, glues, coatings and other materials containing water. It is simple to use but useful features for advanced work. It is stand-alone and has display and keyboard. It has a wireless communications and USB. The same programs apply as with AK30 and it behaves identically. Data can be stored into the meter and also transmitted to a laptop while measuring. The optical head is exceptionally small at the end of tubes to fit in tight places.

APPLICATIONS: PULP, PAPER, CORRUGATED AND BOARD, TEXTILES, FELTS, GLUES, COATINGS
AVAILABILITY: Now



FrontColour 5 TAPPI Brightness sensor is an on-line meter for measuring reliably the Brightness of pulp and paper at a 200 mm distance. The boxes and mounting points are the same as with FC10.

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

AK40GW



The infrared online moisture meter is suitable for small tight spaces. It has applications in pulp, paper and board industry, textiles, felts, filters, glues, coatings and other materials containing water. It is simple to use but useful features for advanced work. It is stand-alone and delivers the data to DCS as 2 Volt and 4-20 mA and also to a PC in digital format. It has a wireless communications and USB. The same programs apply as with AK30 and it behaves identically.

APPLICATIONS: PULP, PAPER, CORRUGATED AND BOARD, TEXTILES, FELTS, GLUES, COATINGS
AVAILABILITY: Now

Updated: 5.11.2026

VISILAB SIGNAL TECHNOLOGIES

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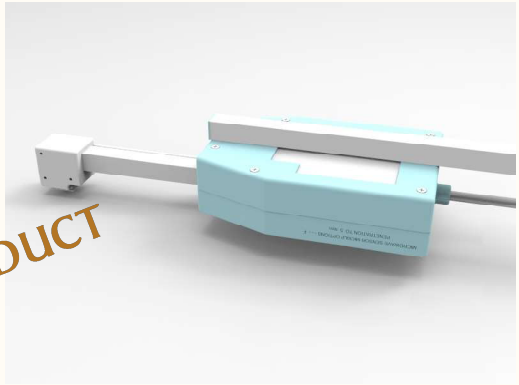
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PRESS RELEASE FOR ALL MEDIA FOR FREE REFERENCE

NEWS ABOUT PRODUCTS AND SERVICES

OUR INFRARED PRODUCTS ARE BASED ON UNIQUE ANALYSIS ALGORITHMS AND SIGNAL PROCESSING.

The new model **MK30R-LP** 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 25 x 35 mm. The moisture range is very wide covering practically all paper and pulp processes and felt measurements. It is targeted for manual measurement of running webs for pulp and paper for QC and trouble-shooting. The standard length of the stick is 100 cm but can be modified at time of ordering.



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

AVAILABILITY: Now

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 PAPER-MAKER'S MULTIMETER

AVAILABILITY: Now

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

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PRESS RELEASE FOR ALL MEDIA FOR FREE REFERENCE

NEWS ABOUT PRODUCTS AND SERVICES

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(lambda) 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

The new models **MK30LP-CT** and **MK30LP-CTB** are unique products for measuring wet cellulose phases. CT sensing area is 4.0 mm in diameter and CTB is 10.0 mm. The penetration depth is 3.0 mm and 7.0 mm respectively. The moisture value range is from about 4% to plain water. Mounting is by means of standard R1/2" fitting to the process vessel or pipe. They are indended for continuous process measurements of pulp, biomass, textile fibres, medical processes and any other nonabrasive wet materials. They can withstand +1...+105 C temperature and 1.0 +/-1.0 bar pressure. The pricing is very attractive.



APPLICATIONS: PULP, FOOD MATERIALS, CELLULOSE PRODUCTS, BIOMASS, ANIMAL FOOD

AVAILABILITY: Now

COMPANY NEWS

We have new distributors and agents:
Eintec for India
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 reprentative in your country. Other regions are directly sold by Visilab.

Visilab is located in Askola 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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