UNIQUE PROCESS SENSORS

PORTABLE INFRARED MOISTURE METER - SURFACE MOISTURE TO 150 MICRONS DEPTH - AK30



- FOR PAPER, BOARD, PULP, FIBRES, TEXTILES
- REELS AND WEBS, SHEETS, LABORATORY SHEETS
- QC & FIELD OPERATIONS, RESEARCH
- LOW COST, UNIQUE PRODUCT, WIDE MOISTURE RANGE 0..70%
- WATERTIGHT BOX, WIRELESS CONNECTION, DATA MEMORY
- PM DRY END TROUBLESHOOTING

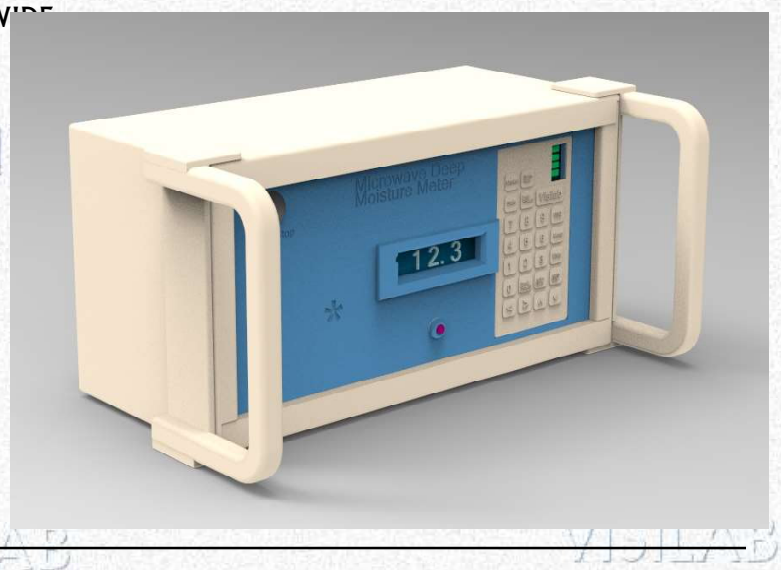
PORTABLE MICROWAVE MOISTURE METER - DEEP MOISTURE TO 35 MM DEPTH - MK30R

- FOR PAPER, BOARD, PULP, FIBRES, TEXTILES
- REELS AND WEBS, SHEETS, LABORATORY SHEETS
- ACCURATE STATIC REEL PROFILES
- TIME-BASED SAMPLING OF RUNNING REEL PROFILES
- QC & FIELD OPERATIONS, RESEARCH
- LOW COST, UNIQUE PRODUCT, EXTREMELY WIDE MOISTURE RANGE 2..100%
- WIRELESS CONNECTION, DATA MEMORY
- PM TROUBLESHOOTING
- STANDARD ROUND SKID, WIDE SKID AVAILABLE FOR SOFT MATERIALS

NEW PRODUCT



Visilab has developed a new proprietary dynamic analysis algorithm for fast operation and immediate response to fast changes in level for all microwave sensors



The 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 depths are 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... + 102 C temperature and 1.0 +/-1.0 bar pressure. These can be used as handheld at the end of the cable, reading and saving the results to a laptop. They can also mesaure water content in various types of oil



NEW PRODUCTS



Moisture / water content microwaves

VISILAB SIGNAL TECHNOLOGIES

2026-17

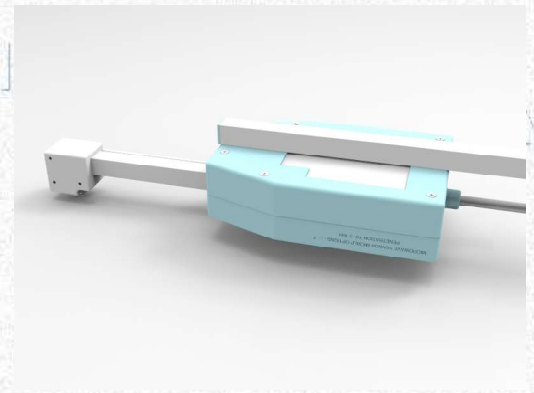
Visilab Signal Technologies Oy
Sepäntie 4, FI-07230, Askola, Finland
Tel. + 358-45-6354885
www.visilab.fi
e-mail: sales@visilab.fi

SPECIAL VERSIONS:

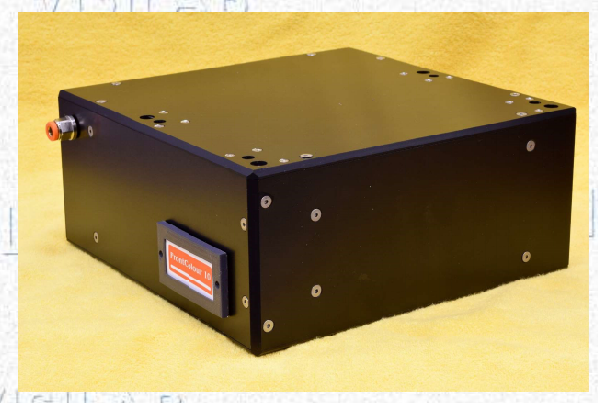
MK30LP LONG STICK OR HANDHELD, FOR MEASURING RUNNING WEBS AND FELTS

NEW PRODUCT

Other variants exist



ON-LINE COLOUR METER - FrontColour10 ™



- Used for plastics, pulp, pigments and paints, printing, boards, papers, most solid materials and most fibre materials
- Installed to many positions in production machines
- Simple to use, accurate readings, excellent stability
- Small size, light weight
- A self-contained system, powerful DSP technology is used for signal processing
- Measurement by CIE 1964 10°
  Illuminant: A / C / D50 / D55 / D65 / D75
  Colour system CIE L*a*b*, Lu'v' and L*u*v*
- Gives all common CIE colour variables and TAPPI R457 brightness plus more
- One sensing head, self-calibrating optics
- USB, RS232, analog outputs 5 V (4) and 4-20 mA (1)
- Conforms to CIE 15:2004 and CIE 176:2006 requirements
- Reel counter

ON-LINE NIR MOISTURE METERS

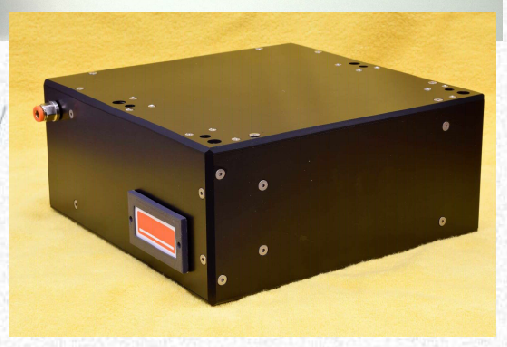
- SUPERIOR SPEED
- MOST COMPACT, FITS TIGHT SPACES
- SUPERIOR STABILITY
- SMALLEST SIZE
- SCANNERS
- FIXED POSITIONS
- QUALITY CONTROL
- TROUBLESHOOTING
- EXCELLENT SOFTWARE
- ECONOMY MODEL
- SURFACE MOISTURE

Moisture - AK40GW economy modelNIR for tight spaces





Moisture - AK40GW-P portable modelNIR for tight spaces



Moisture - AK50E economy modelNIR

VISILAB
SIGNAL TECHNOLOGIES