

AQUA BOY

MOUISTURE METER



- **TIMBER**
- **WOOD**
- **CORN**
- **COFFEE**
- **TEA**
- **TEXTILE**
- **COCOA**
- **TOBACO**
- **LEATHER**
- **CORL**
- **JUTE**
- **SISAL**

- The AQUA-BOY Moisture Meters are designed for easy portability, fast operation with instantaneous indication and universal use.
- The AQUA-BOY is a compact, handy unit accommodated, together with the accessories, in a carrying case that can conveniently be taken by the user wherever he goes.
- The AQUA-BOY meter is housed in an elegant and very robust Novodur case, shaped so as to protect the large dial and the operating controls.
- Electric power is supplied to the AQUA- BOY by an internationally standardised dry battery.
- The measuring principle of the AQUA- BOY is based on the electrical conductivity of the material which always bears fixed relation to the moisture. All changes in resistance inside the measuring ranges of interest are sufficiently pronounced to ensure a high degree of accuracy for the readings obtained with the AQUA-BOY.
- The electrical indicating the accuracy of the AQUA-BOY is plus/minus 0.1% whilst the reproducibility is plus/minus 0.2% referred of the absolute readings on the meter dial.
- Long years of practical experience of our development department in cooperation with industrial specialists and scientists as well as official test and research laboratories assure long and reliable service to the AQUA-BOY in accordance with the latest know-how in electronic moisture detection.

AQUA BOY

MEASURING RANGES AND ELECTRODES

PRODUCT TO BE MEASURED	TYPE OF METER	MEASURING RANGE	RECOMENDED ELECTRODE
TIMBER, ALL SPECIES	HM I	5-28%	230, a,b,c,d,So 208,209 b, 210,213
TIMBER, NEWLY CUT	HM II	30 - 120 %	203 a So 208
TIMBER, ALL SPECIES	HM III	6 - 60 %	203 a b c d So, 208
TIMBER, ALL SPECIES	HM IV	3 - 14 %	208 208 a , 213
FLOORING, WOOD	BM I	5 -24 % */**	203 b, d, 208, 214,210,226
FLOORING, WOOD	BM II	6 - 60 % */**	203 b, d, 208, 214,210,226
FLOORING, WOOD	EFM I		203 b, d, 208, 214,210,226
POLYSTYRENE	ST I	5 -22 %	209 b, 207
CEREALS	GEM I	9 - 22 %*	202, 209 a, b
CORN	MS IV	5 - 12 %*	202T
RAW COFFEE	KAF I	6 - 18 %*	202, 209 b
RAW COFFEE	KAF III	6 - 30 %*	202, 209 b
RAW COFFEE	KAF IV	6 - 22 %*	202, 209 b
TEA	TEF I	2 - 12 %*	202, 209 b
COCOA	KAM I	2 - 12 %*	202, 209 b
COCOA	KAM III	2 - 20 %*	202, 209 b
COCOA	KAM III a	10 - 34 %*	202, 209 b
PAPER, ALL TYPE	PM I	4 - 12 %*	201, 208,210,213
PAPER, CARDBOARD	PM II	6 - 30 %*	201, 208,210,213
TEXTILE	TEM I	2.5 - 24.5 %*	205, 206, 207, 210
FEATHER	FE I	8 - 18 %	202, 209 b
COTTONSEED	BSM I	5 - 23 %*	202, 218, 209 bsm
LINT COTTON, PURE	BAF I	2.5 - 13 %*	202, 218
JUTE	JFM I	6 - 30 %*	202, 207
SISAL	SL I	6 - 30 %*	207, 210
TOBACCO	TAM I	5 - 17 %*	202, 209 b
TOBACCO	TAM II	8 - 20 %*	202, 209 b
TOBACCO	TAM III	12 - 26 %*	202, 209 b
LEATHER	LM I	6 - 28 %*	201,208,210,213
LEATHER	LM III	8 - 50 %*	201,208,210,213
ALMOND,HAZEL NUT	TFR I	4 - 22 %*	202, 207 a
FISH MEAL	FL I	4 - 14 %*	202, 209 d
CORK	KOM I	2 - 10 %*	207, 208, 207 a

AQUA BOY

ELECTRODE AND ACCESSORIES



HAMMER ELECTRODE
Stock Code : 203a , 203b,
203c, 203d, 203 So



UNIVERSAL ELECTRODE HOLDER
Stock Code : 204, 204 So



UNIVERSAL MEASURING CABLE
Stock Code : 200



UNIVERSAL MEASURING CABLE
Stock Code : 200 c



CUP ELECTRODE
Stock Code : 203a , 203b,
203c, 202, 202GM, 202T



COMPRESSION SCREW ELECTRODE
Stock Code : 201



COMPRESSION SCREW ELECTRODE
Stock Code : 201 a



NEEDLE ELECTRODE HEADS
Stock Code : 205

For measuring textiles in cop form, bobbins with „chase“ build or in the form of skins.



NEEDLE ELECTRODE HEADS
Stock Code : 206

For measuring textiles in cop form, bobbins with „chase“ build or in the form of skins.



NEEDLE ELECTRODE HEADS
Stock Code : 207

For measuring textiles in cop form, bobbins with „chase“ build or in the form of skins.



NEEDLE ELECTRODE HEADS
Stock Code : 207 a

For measuring textiles in cop form, bobbins with „chase“ build or in the form of skins.



NEEDLE ELECTRODE HEADS
Stock Code : 208

For depth measurement of painted wood, furniture, plaster walls, wood cement etc.



NEEDLE ELECTRODE HEADS
Stock Code : 208 a

Used with very short needles, especially for the measurement of veneers and cardboard.



STAB ELECTRODE HEAD
Stock Code : 209 a

For measuring goods in sacks and blades such as excelsior, sawdust, yarn, coffee, beans, coco bean, cereals, yarn and paper waste



STAB ELECTRODE HEAD
Stock Code : 209 b

For measuring goods in sacks and blades such as excelsior, sawdust, yarn, coffee, beans, coco bean, cereals, yarn and paper waste



STAB ELECTRODE HEAD
Stock Code : 209 d

Specially designed for use with fishmeal via isolation shaft

AQUA BOY

ELECTRODE AND ACCESSORIES



COTTON ELECTRODE HEAD

Stock Code : 209 BSM

Especially for measuring cotton and similar products in sacks or pressed bales.



KNIFE ELECTRODE HEAD

Stock Code : 210

For measuring paper, leather and veneers in stacks, chips in bulk, rolls or bales of textile fabrics.



KNIFE ELECTRODE HEAD

Stock Code : 210 a

With particularly long knife blades, especially for measurements in paper and cardboard stacks.



ROLLER ELECTRODE HEAD

Stock Code : 211

For measuring moving webs of materials like paper, cardboard, veneers, textiles, etc.



ROLLER ELECTRODE HEAD

Stock Code : 211

Particularly suitable for paper



FLOW ELECTRODE HEAD

Stock Code : 212

For measuring hanks of yarn and single threads.



SURFACE ELECTRODE HEAD

Stock Code : 213

For measuring thin veneers, paper, textiles etc.



SURFACE ELECTRODE HEAD

Stock Code : 213 LE

For measuring thin veneers, paper, textiles etc.



DEPTH MEASURING ELECTRODE FOR WOOD

Stock Code : 215

For measuring the internal moisture content and moisture gradient of beams, planks, ties and poles. The electrode comes with a drill permitting holes to be drilled to the required depth. Only the universal measuring cable is required for connecting the electrode to the moisture meter.



SCREW IN ELECTRODE SET

Stock Code : 226

Consisting of 200d, 225, 226a, 226b, 226c Electrodes.



ALIGATOR CLIPS

Stock Code : 200d

The adapter 200 d and the alligator clips permit a variety of auxiliary probes such as nails, dowel plugs of metal, etc. to be connected to the moisture meter.



PRESSED BLADE SCREW IN ELECTRODE

Stock Code : 218

For measuring the internal moisture content of mechanically compressed bales. The electrode comes with a crossbar for screwing it down to the required depth. Only the universal measuring cable is needed for connecting the electrode to the moisture meter.



RAM ELECTRODE

Stock Code : 223

Complete with connecting cable No. 300, for making moisture measurements at different depths in hardwood up to 5 1/2" (135 mm) thick.