

TYPE-SERIES AQUA-BOY

Small, compact pocket size.

Percentage scales for direct readings.

Battery operated.

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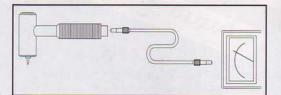
Aqua-Boy

MEASURING RANGE

Product to be measured	Moisture Meter Type	Me Ra	eas ing	uring e		Recommended Electrodes
Timber, all species	→ нм і	5	_	28	%	203 a, b, c, d, So,
						208, 209, 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, 223
Timber, all species	► HM IV	3	-	14	%	208, 208 a, 213
Construction materials,						
flooring, wood	► BM I	5	-	24	% */**	203 b, d, 208,
						223, 226
Cereals	► GEM I	9	-	22	% *	202, 209
Malt	► BR I	1	-	12	% *	202, 209
Corn	► MS I	12	-	32	% *	202, 209
Corn	MS IV	5	-	12	% *	202 T
Raw coffee	KAFI	6	-	18	% *	202, 209
Raw coffee	► KAF III	9	_	30	% *	202, 209
Raw coffee	KAFIV	6	-	22	% *	202, 209
Tea -	> TEF I	2	_	12	% *	202, 209
Cacoa	► KAM I	2	_	12	% *	202, 209
Cacoa	> KAM III	2	_	20	% *	202, 209
Cacoa	KAM III a	10	1	34	% *	202, 209
Paper, all types	PM I	4	-	12	% *	201, 208, 210, 213
Paper, cardboard	PM II	6	-	30	% *	201, 208, 210, 213
Bitumen felt	► SP I	1	_	7	% *	201, 208, 210, 213
Cellophane sausage skin	ZP I	4	_	20	% *	201, 208, 210, 213
Cellophane sausage skin	ZP II	4	-	30	% *	201, 208, 210, 213
Cellophane sausage skin	ZP III	4	-	24	% *	201, 208, 210, 213

See list of tables available

- * These moisture meters are equipped with an additional universal centesimal scale for universal measurements on materials other than listet.
- ** These moisture meters are equipped with an additional colour scale divided into three areas: green = dry, white = normal, red = wet



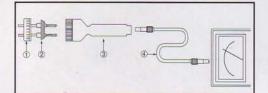
Connecting the Hammer electrode

Insert one end of the universal measuring cable into the jack in the hammer electrode until it snaps into place.

AND ELECTRODES

Product to be measured	Moisture Meter Type					Recommended Electrodes
Textiles	TEM I	2,5	2,5 -	24,5	% *	205, 206, 207, 210
Feather	FE I	8	_	18	%	202, 209
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
Tobacco	TAM II	8	-	20	% *	202, 209
Tobacco	TAM III	12	-	26	% *	202, 209
Leather	LM I	6	_	28	% *	201, 208, 210, 213
Leather	LM III	8	-	50	% *	201, 208, 210, 213
Almond, hazel-nuts, Brazil-nuts →	TFR I	4	-	22	% *	202, 207 a
Figs	FM I	8	-	30	% *	202, 207 a
Нор —	HOP II	6	-	28	% *	202, 209
Fish meal	FL I	4	_	14	%	202, 209 d
Cork -	KOM I	2	-	10	% *	207, 208, 207 a
Cork -	KOM II	5	-	20	% *	207, 208, 207 a
Cork -	KOM IV	2	-	30	% *	207, 208, 207 a

Please see separate electrode brochure for full range of electrode heads available, some of which only require cable 200 or fit directly into the meter.



Inserting the interchangeable electrode heads and conneting the cable

Insert electrode head 2 selected into holder 3 an screw down retaining ring 1. Plug one end of cable 4 into jack of holder 3 until it snaps into place. Introduce the secound plug of the cable 4 in like manner into the jack of the moisture meter.

^{*} These moisture meters are equipped with an additional universal centesimal scale for universal measurements on materials other than listet.

Technical Details

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 accomodated, 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 electical indicating 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 pracitical experience of our development department in cooperation with industriel 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 knowhow in electronic moisture detecation.

• Electrode jack

in back

Operating Instructions

Battery check

Depress the red test button. The needle must then point so within the red area. If this can not be done, the battery must be renewed.

Measuring

Having connected the electrode to the meter, bring it into firm contact with the produkt to be measured. Depress the white measuring button and read the result directly on the meter scale. Release the white button to finisch the operation.

Tecnical specifications

Length	approx.	6 5/8"	(170 mm)
Width	approx.		(115 mm)
Hight	approx.	20.00	(50 mm)
Weight	approx.	14 oz.	(0.4 kg)

The meter circuits are exclusively equipped with transistors and diodes.

Guaranteed for 2 years.

The right ist reserved to alter the design and specifications as required.

