a & p instruments e.K.

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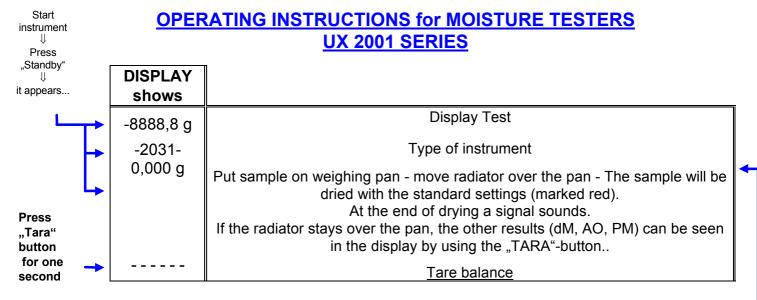


S T O P

B Y

S E T

BUTTO



Settings level

		DISPLAY	SETTINGS can be changed by	MEANING	
Press		shows	using the "Change" button		
"Tara"	→	PNr.	0000 ; 1000,9000 (Standard is	Sample no., (0001,0002,)	١.
button for two		\Downarrow	10 sample no.)		
seconds		IA ↓	0"→6"→ 12" →30" Sek.→1'→2'→4' min.	Printing in intervals	•
		FEUCHTE	Atro (AO); Dry Matter (dM); Per	Results	١.
		(HU)	` 1000(PM) ` ´		
		₩	, ,		
		Print	0; 1 ; 2; 3 prints	Number of prints	
K				To send data via the interface, "Print" has to	•
0		\downarrow		be set at least to "1" !	
	ightharpoonup	GAb	4; <mark>8</mark> ; 16; 32 mg	Weight loss	١.
S.	-	U	i, c, ic, cz mg	3	
N S T A		Aln	10", 20" ; 45"; 70" sec	Weight loss in how many seconds	
^		\downarrow	, ,		
S T	—	Abn	0,3'; 1' ; 2'; 3' min	Start of detecting weight loss	•
T		\downarrow			
O P		PFI	aus , 0,100% (dM)	Preflash	
•		$\downarrow \downarrow$		for very wet samples to shorten drying time!	
		Heat	0, 100% Power	Power of radiator:	
		ricat	0, 100 /0 1 GWG1	with 250W radiator up to app. 160°C	١ ،
				with 375W radiator up to app. 250°C	
		\downarrow			
		Delay	0 , 9 sec.	Time delay, until the balance´ display will be steady !	•

CAL		Calibrating the balance
Stb	1 (very calm), 2 , 3, 4 (turbulent)	Stability of the balance
Uhr, Datum, Monat, Jahr		Set time and date
Config		Settings can be printed by the "Change"button
0.000 a		

Standard Settings

The radiator's power can be changed also during a measurement. Press the "Tara" button and the "Set" button at the same time. Use the turn switch to set the power in %. The value is shown in the display.

Meaning of the results:

- "FEUCHTE" (HU): moisture content in % of the sample weight.
- "FESTSTOFF" (dM): dry matter (solids) in % of the sample weight
- "ATRO" (AO): moisture relative to the solids, e.g. 50 % moisture and 50 % solids mean 100 % ATRO, a german abbreviation used in the chipboard industry.
- "PER 1000" (PM): g solids per 1000 g sample weight, e.g. 15 % solids mean 150 PM, a value which is used in german waste water plants.

During a measurement you can see the current time by pressing the "Show" button.

ULTRA X instruments normally work for many years. Should it be neccessary however to send the device to our service department, please ask us for an **original packing**.

The warranty requires that the devices are handled according to their sensitivness. The devices have a built-in mg-balance and may not be exposed to strong shocks. A broken weighing cell does not come under the warranty.

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