

Service, Support and Spare Parts

Luova is recognized for its excellent service and support. We take pride in never stopping to improve until the customer is satisfied with our service and support. We believe very strongly that good service on installed equipment is a win-win business.

We understand that a part of good service is a good supply of spare parts and consumables. Our goal is to deliver all spare parts and consumable orders within 2 business days. We maintain a thorough supply of all critical spares and consumables thereby reducing the need for our customers to maintain their own stores.



Contact us

Please contact us for your inquiries. Your nearest local Luova representative you will find below.

LUOVA AB

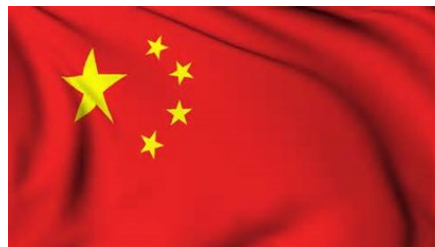
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Acid Controller AC 2000



Take control of your pickling baths!

Acid testing has never been easier

The AC 2000 Acid Controller rapidly and accurately measures mixed acids e.g. HNO₃/HF or H₂SO₄/HF and determines both acid concentration and dissolved metal concentration. The AC 2000 is also used for single acid applications with only HCL, HNO₃ or H₂SO₄. In less than one minute after the sample has been introduced to the analyzer the result will be displayed to the operator and stored into the database. The software will advise the operator how much fresh acid to add to meet the optimal parameters in the pickling bath.

How does it work?

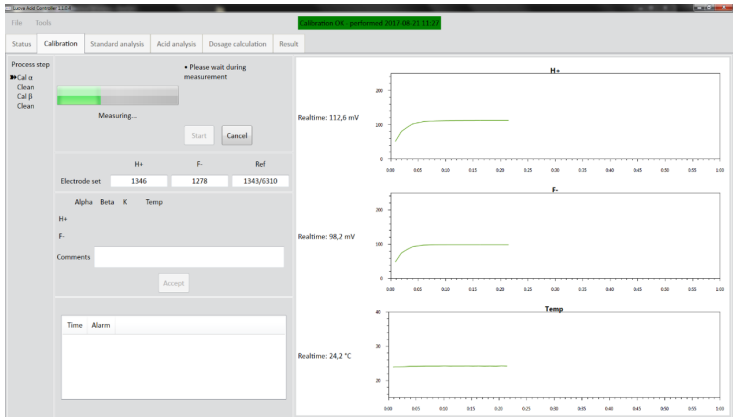
The AC-2000 uses ion-selective electrodes (ISE) and a temperature probe to convert ion-activity in the acid sample to a voltage that is amplified and digitally converted. The algorithm is based on Nernst equation and uses the voltage output from the electrodes to calculate the acid concentrations. The dissolved metals are determined by an electronic densitometer. The densitometer allows for an accurate dilution of the acid samples. The measuring unit is connected to a PC. The software works with the current Windows[®] version available.

Quick, Safe and Easy

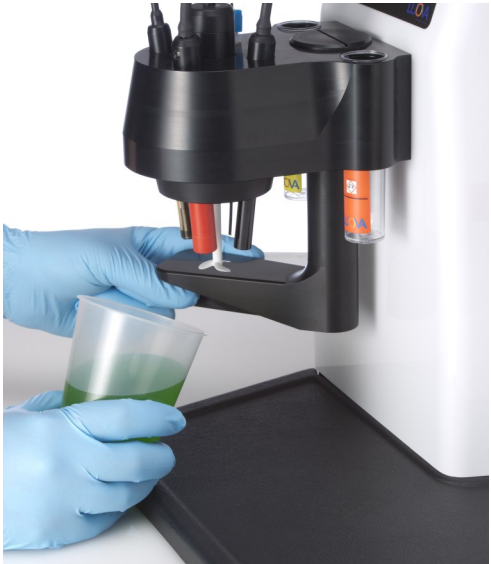
The AC 2000 uses only 2 calibration solutions which makes the sample procedure fast and cheap. To increase work safety for the operators handling the acid samples AC 2000 comes with a specially designed cup holder. The cup holder also allows for lefthanded operators to work with the AC 2000 safely. The software is easy understand and operate. The operator is supported by operators-friendly instructions in the software during the different processes. If something is wrong with the system an understandable alarm will pop up. The software can be delivered in preferred local language.



Direct measurement by ISE

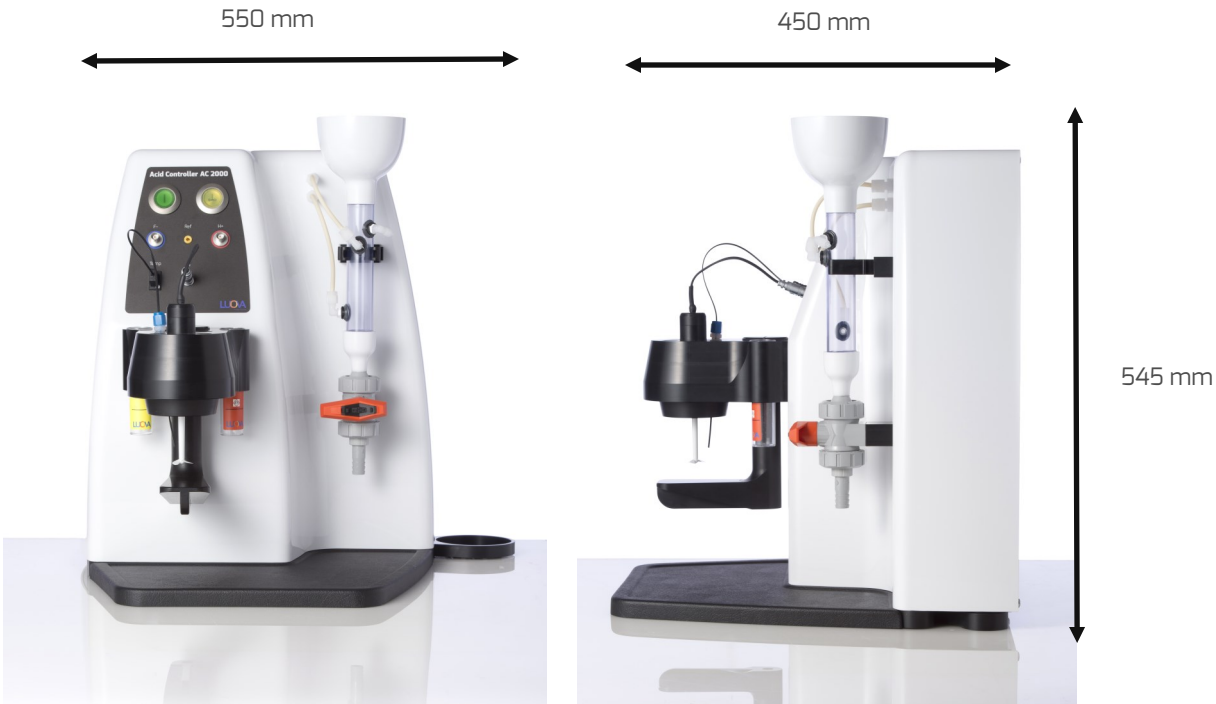


Userfriendly software



Safe handling of acids

Technical specification



	Measuring range*			
	Min HNO ₃	Min HF	Max HNO ₃	Max HF
HNO ₃ /HF	6 g/l	2 g/l	380 g/l	140 g/l
	Measuring range*			
	Min H ₂ SO ₄	Min HF	Max H ₂ SO ₄	Max HF
H ₂ SO ₄ /HF	9 g/l	2 g/l	590 g/l	140 g/l
	Measuring range*			
	Min Me		Max Me	
Dissolved metals	0 g/l		200 g/l	
	Measuring range			
	Min temp		Max temp	
Temperature	15		35	

*measuring range based on dilution factor 2

Accuracy	+/- 4%
Calibration time	appr. 2 minutes
Analysis time*	appr. 1min
Calibration solutions	ISO certified from accredited laboratory
Standard solutions	ISO certified from accredited laboratory

*excluding sample preparation