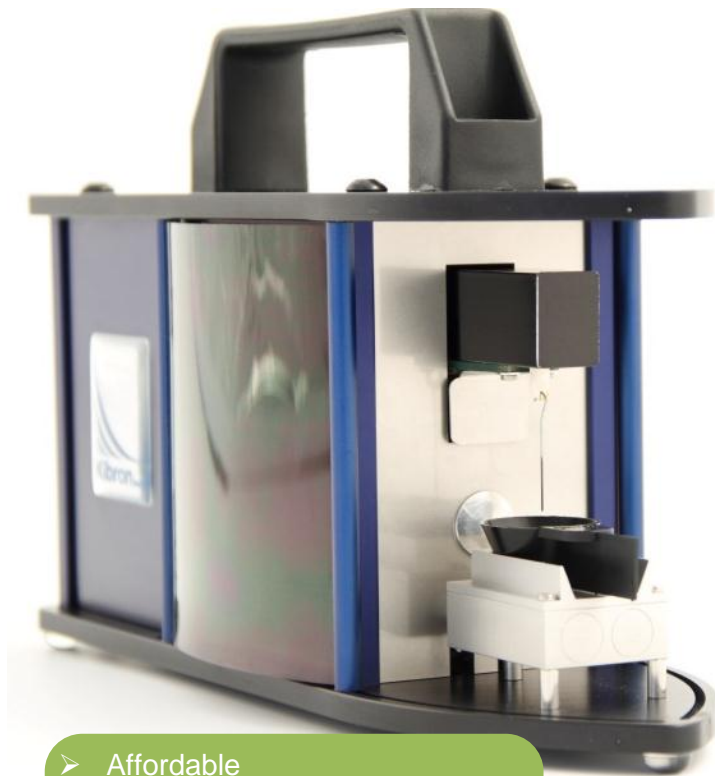


Kibron EZ-Pi^{plus}

Portable Surface Chemistry Laboratory

Kibron EZ-Pi^{plus} introduces a new era in the measurement of surface tension. You can use both du Noüy and Wilhelmy technique, using the same probe. Cuvette holder can be temperature controlled with an external water bath. A complete, portable, surface chemistry lab when interfaced to a laptop.



- Affordable
- Cost-efficient to maintain
- Easy to operate
- Portable and compact
- Fast

- Small sample volumes 1-3ml
- Superior resolution 0.01mN/m
- Powered via USB
- Thermostated cuvette holder
- Stirring of sample

Surface tension

the easy way

Kibron EZ-Pi^{plus} is a real breakthrough in the measurement of surface tension in the field, in research or QC-laboratories. Use it for checking surfactant traces, sour water determination, quality control of printing inks, and surface tension of chrome plating baths as well as basic surface chemistry research and educational use.

Kibron EZ-Pi^{plus} was designed and built with reliability and ease of use in mind. It is compact size, robust and rugged to provide users highest quality data anywhere, anytime. State-of-the-art sensor technology and intuitive user interface it is a true winner.

For the first time, an affordable high precision tensiometer is available for researcher so they can concentrate on their applications and generate reliable data instead of making difficult measurements.

EZ-Pi^{plus}



Surface tension - Precisely

Kibron EZ-Pi^{plus} - Specifications and accessories

For ease of use and reproducibility the Kibron EZ-Pi^{plus} accessories help you to get the maximum out of your measurements.



SPECIFICATIONS	
Measurement types	Wilhelmy and du Noüy
Measuring range	0-100 mN/m
Resolution	0.01 mN/m
Precision	CV < 0.1 % (water at 20°C)
Average time per measurement	~30 seconds (du Noüy)
Weight	1.3 kg (2.9 lbs)
Dimensions	26x8x16 cm (10.2 x 3.1 x 6.3 in)
Cuvette volume	1-3ml
Cuvette material	Popolypropylene or glass
Measurement probe	DyneProbe, Ø 0.51mm
du Noüy probe cleaning	Bunsen torch
Sample thermostation	Circulating water (ext. water bath required)

REQUIRED ACCESSORIES		SPECIFICATIONS	BENEFIT
DyneProbe Microsize du Noüy probe		Inert metal alloy Ø 0.51mm	Allows for small sample volumes. Easy to clean, economical to use.
DyneCup Sample cuvette		Polypropylene	Chemically resistant. Disposable and recyclable
		Glass, with an injection port	Reusable
OPTIONAL ACCESSORIES		SPECIFICATIONS	BENEFIT
ProbeHandler		Mounting / demounting tool for the DyneProbe	Ease of use and help protecting the microbalance
ProbeStation		Station for the ProbeHandler, and for the spare DyneProbes	Ease of use and avoid contamination

Specifications and images are subject to change without prior notification