

Introducing

ProFlo-U[®] System : A reliable solution for rapid renal health assessment

(For urine microalbumin, macro-albumin and excreted creatinine)

Useful for self-monitoring, bed-side monitoring and POC screening of renal function via microalbuminuria measurement. It is one-of-kind solution in cardio-vascular treatment, diabetes care, acute kidney disorders including pregnancy complications like Pre-eclampsia and other CKDs.

The ProFlo-U[®] system provides unprecedented ease-of-use, clinically accurate method of identifying microalbuminuria – before clinical onset of symptoms in direct or indirect renal complications. ProFlo-U[®] patented sensor technology and ultra-sensitive optical system of the ProFlo-U[®] Analyzer provides quantitative values right at the point of care. This enables care-provider to take right decisions and improves the well-being of the patient.

Take informed decisions

- Clinical grade accuracy in measurement
- Large analytical range
- Highly precise

Then and there, and just anywhere

- Palm sized device, battery operated (carry in your handbag) (Airplane safe)
- Results in 5 sec
- Cartridge does not require cold chain storage
- No significant change in results depending on ambient temperature (20-40C)

Easy to use

- Designed for *Anyone* and *Anywhere* use
- Minimal sample processing
- No sample incubation steps
- Macro-cuvette technology for ease of handling
- Does not need any lab equipment

Results you can trust

- Detects all forms of albumin (immune-responsive and non-responsive)
- No interference from usual microbial population in urine
- High correlation with Lab-grade clinical analysers
- Allows user-level-calibration for high degree of reproducibility (All units come factory calibrated)

ProFlo-U[®] Analyser

Specifications	Model		
	Max	Pro	Life
Suitable for	Personal Use	Path-labs / Health Camps	Educational
Power Source	9V (Alkaline) (included)	5V (Power packs/ Power Adaptor)*	No external Supply needed
Connector Type	-	USB C	USB C
Power Saving	Yes	No	No
Mode of Operation	Intermittent	Continuous	Continuous
Connectivity	BLE 5.2	BLE 5.2	Wired
Wireless Certifications	YES	YES	YES
Need continuous Internet for function	No	No	No
Centralized connectivity	Upgradable	Upgradable	No
Remote Maintenance	Yes	Yes	No
Remote Support	Yes	Yes	No
Compatibility with new OS version	Yes	Yes	No
Display	Smartphone/Tab (Android)	Smartphone/Tab (Android)	Smartphone/Tab (Android)
Compatibility with EHR systems	Yes	Yes	No
Precision (C.V.)	0.1-0.5 %	0.1-0.5 %	1-5 %
Accuracy	High	High	High
Accuracy Model	Non-Linear Regression	Non-linear Regression	Linear Regression
Dynamic Range	Maximum	Maximum	Limited
Calibration	Factory Calibrated	User Level	User Level
Calibration Kit	Not Needed	Optional*	Needed
Cloud storage	Yes	Yes	No
Geo tagging	Yes	Yes	No
User account management	Yes	Yes	No
Data Storage	Unlimited	Unlimited	No
HIPAA compliance	Yes	Yes	No
Compatible Cartridges	uALB, M-ALB, UCR	uALB, M-ALB, UCR	uALB, M-ALB, UCR
Warranty (Years)	1	3	1
Price (indicative only)	-	-	-
Available	GeM, Amazon, Flipkart	GeM, Amazon, Flipkart	On Order only

*To be purchased separately

ProFlo-U[®] Test cartridges

Specification	uALB	M-ALB	CR
Analyte	Urinary Albumin (20-600mg/L)	Urinary Albumin (600-4000mg/L)	Urinary Creatinine
Purpose	Early stage renal disorder	Late stage renal disorder, Nephrotic Syndrome, ESRD	All conditions
Single Use	Yes	Yes	Yes
Cold Chain storage	No	No	No
Urine pH	Self-Buffering	Self-Buffering	Self-Buffering
Urine Color	No significant interference	No significant interference	No significant interference
Chemical Hazard	Non-significant	Non-significant	Non-significant