

TruehemeTM

HIGH PERFORMANCE OPTICAL SPECTROSCOPY DEVICE



 ShanMukha
INNOVATIONS

ACCURATE RESULTS WITHIN MINUTES

Trueheme is a HIGH PERFORMANCE OPTICAL SCPECTROSCOPY Device which can provide accurate results for Sickle Cell Anaemia Testing. Trueheme can classify results between SCT (Sickle Cell Trait) , SCD (Sickle Cell Disease) and Normal from patient within minutes just using blood from a prick. Trueheme is a point of care device easing the needs of testing patients at their doorstep.

WHY CHOOSE TRUEHEME?

Empowering Communities with Affordable health: Revolutionising Mass screening with Low-Cost Diagnostic Devices. #HealthForAll
Early Detection, Reliable Results: For Assured precision, rely on our economical screening for an initial assessment of Sickle-cell traits and diseases. HPLC confirmation, the gold standard, is imperative for verified accuracy.#HealthinFocus
Precision meets compatibility: Our device seamlessly works with proprietary IVD kits and includes Brand GmBH cuvettes for accurate diagnostics.#InnovationinHealth

SALIENT FEATURES

CDSCO Class C & A Manufacturing License
DHR HTAIn Study Published
IISc Patented Technology
Batch Processing-200 Tests/Day
6 Months Warranty
Ease of testing, requires no Analysis/ interpretation by user
Intuitive Testing that does not require Trained lab personnel
Quantitative Results which match the accuracy of Gold standards techniques like HPLC



LOW POWER



POINT OF CARE



MADE IN INDIA



PORTABLE



RAPID



LOW COST



CONNECTED



WI-FI



ACCURATE

Sensitivity	96.9%
Specificity	98.6%
W x D X H in mm	220mm*220mm*115
Time to Result	15 mins

SPECIFICATION

Technical

Number of Cuvette Chambers	1
Cuvette Size	10mm
Number of Readout Channels	4
Light Source life	10000 hours
Readout Time with Buffer	85 Seconds
Display	7-inch Capacitive Touch Display
GPS/4G	Available
Bluetooth	Available
QR Camera	Available
SoC	6-Core Rock chip RK3399
CPU	Dual-Core Arm Cortex –A72 @2.0 GHz
GPU	Arm Mali – T860 MP4 GPU @800 MHz
Storage	16GB eMMC
Android Version	10
Testing App	ShanMukha HPOS Testing
Memory	Dual-CH LPDDR4 2GB
Android Version	10
Power	Dual- Battery and Charger
Charger	10 V – 5 Amps

General

Footprint Dimensions (W x D x H)	220mm x 220 mm x 115 mm
Weight	1.5 kg
Warranty	6 Months



ABOUT SHANMUKHA

ShanMukha Innovations is a spin-off from Indian Institute of Science, Bangalore. Incorporated in 2016, the company has been delivering innovative Made in India first of its kind deep technology-based products in healthcare.

Our customers include government, non-profit and private sector companies. We have successfully delivered several projects towards academic institution, CSR and corporate orders for mobile labs and other high impact solutions.

OUR PURPOSE

At ShanMukha Innovations we are striving to develop affordable point-of-care diagnostic solutions.

OUR CUSTOMERS



REACH US AT

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