THE SMARTER SMART CARD ANALYSER

PRE-PROGRAMMED
PRE-CALIBRATED
AUTOMIXING

Compatible Reagents*
- Turbosmart HbA1c
- Turbosmart MA
- Turbosmart RF
- Turbosmart CRP UV
- Turbosmart ASO
- Turbosmart IgE
- Turbosmart D-Dimer
- Turbosmart C3
- Turbosmart C4
- Turbosmart Ferritin...

Secure way of handling Immunoturbidimetry
We, (Tulip) always believed in pursuing self-reliance through indigenisation of diagnostic platforms for serving our nation! In our journey of over 2 decades, we have successfully indigenised important platforms like Gel technology, Elixa and CLIA reagents in blood banking, Coagulation reagents & analyser, immunochromatographic assays, chemistry reagents & analyser, vein finding device, hospital disinfectants, medias & Immunoturbidimetry reagents!

We now take the pleasure of introducing “TurboSmart” – India’s 1st indigenised RFID IMMUNOTURBIDIMETRY ANALYSER; the smarter way of moving towards self-reliance in reporting of immunoassay parameters like HbA1c, D-dimer, CRP, RF, ASO, MA, IgE, Ferritin, C3 & C4!

TurboSmart reagents are equipped with lot specific calibration & programming thereby saving time and cost of calibration! The RFID technology of TurboSmart analyser just needs a single TAG of the reagent RFID card to transfer the data for performing the test!

The simple test protocol of TurboSmart helps you drive your immunoassays seamlessly for fast and accurate reporting!

### TURBOSMART Benefits:
- LED based optics TAGS turbidimetric measurements.
- Lot specific RFID card TAGS calibration, optimised mixing and reading of reactions.
- Touch screen display TAGS user friendly operations with online reaction curve.
- QC software with levy Jennings TAGS reliable reporting.
- Electronic pipette TAGS Autostart of testing time for consistent results.
- Optimix mixer TAGS automatic uniform mixing of reaction mixture.
- Unique cuvette design TAGS optimised on-board mixing.
- Disposable cuvettes eliminates carry over effects, reduces biohazard and labour.

### TURBOSMART Specifications:
- **Principle**: Turbidimetry
- **Optical System**: Laser LED (650nm) and Silicon detectors at 180°
- **Measuring Chamber**:  
  - Temperature 37°C ± 1°C
  - Auto mixing
- **Electronic Pipette**: For reagent auto start reading
- **RFID Card**: Lot specific assay calibration with applications
- **QC**: 3 level with Levey Jennings plot
- **Display**: 4.3" Color touch screen, online reaction curve
- **Printer**: Inbuilt thermal (58mm)
- **Data Transfer**: B Type USB
- **Data Storage**: 500 results
- **Power supply**: 100 - 275V, AC50-60Hz, 12V Power adaptor
- **Battery**: 2200 mAh Li-ion battery
- **Dimension**: 296 (L) x 232 (W) x 117 (H)
- **Weight**: Gross Wt - 2.5Kg, Net Wt. - 1.7 Kg.

*Specifications are subject to change without prior information.*

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**Simple Test Protocol**

1. **Select Test from Menu**
2. **TAG the Card for transferring the Lot Specific Data**
3. **Insert R1 + Sample**
4. **Add R2 & Read Results**

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**TURBOSMART – TAG & TEST SYSTEM!**

*Presentation*: 20 Tests Reagent Pack includes Lot Specific RFID Card & 20 disposable Cuvettes

For further information contact:

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