

AUTONOMOUS HEALTHCARE INFRASTRUCTURE

Engineering the Future of Continuous Population-Scale Prevention



The 360 Degree Diagnostic Matrix

Engineering the Future of Continuous Population-Scale Prevention

A comprehensive technical overview of the 75 certified clinical parameters, multi-sensor arrays, and deep-learning core algorithms powering the autonomous healthcare infrastructure layer.

1. Basic Vitals & Physicals

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|-----------------------------|-----------------------------|
| 1. Height | 4. Pulse Rate |
| 2. Systolic Blood Pressure | 5. Oxygen Saturation (SpO2) |
| 3. Diastolic Blood Pressure | 6. Body Temperature |

2. Body Composition & Weight Analysis

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|---------------------------|--------------------------|
| 7. Weight | 20. Bone Rate |
| 8. BMI | 21. BMR |
| 9. Fat Rate | 22. Protein Rate |
| 10. Fat Mass | 23. Protein Mass |
| 11. Subcutaneous Fat Rate | 24. Standard Weight |
| 12. Subcutaneous Fat | 25. Body Score |
| 13. Muscle Mass | 26. Obesity Degree |
| 14. Muscle Rate | 27. Health Level |
| 15. Water | 28. Body Type |
| 16. Moisture | 29. Weight Control |
| 17. Visceral Fat Grade | 30. Fat-Free Body Weight |
| 18. Visceral Fat Area | 31. Muscle Control |
| 19. Bone Mass | 32. Fat Control |



3. Specialized Sensory & AI Screening

- 33. Snellen Chart Test (Visual Acuity)
- 34. Ishihara Test (Color Blindness)
- 35. Squint detection through AI
- 36. Cataract Screening (AI-Image Analysis)
- 37. Oral Health Screening (Stains/Calculus/Cavit)

4. Mental Wellness & Psychological Health

- 38. Depression Screening (PHQ-9)
- 39. Fatigue & Burnout Index
- 40. Anxiety Assessment (GAD-7)
- 41. Stress & Energy Check Assessment

5. Diabetes & Blood Sugar

- 42. Fasting Blood Sugar (FBS)
- 43. Random Blood Sugar (RBS)
- 44. Post-Prandial Blood Sugar (PP)
- 45. HbA1c (Glycated Hemoglobin)

6. Lipid Profile (Heart Health)

- 46. Depression Screening (PHQ-9)
- 47. Systolic Blood Pressure
- 48. Diastolic Blood Pressure
- 49. Pulse Rate
- 50. Oxygen Saturation (SpO2)
- 51. Body Temperature



8. Clinical Lung, Heart & Sensory Diagnostics

- 56. 6-Lead ECG
- 57. Digital Stethoscope (Heart)
- 58. Digital Stethoscope (Lungs)
- 59. Audiometry (Hearing Test)
- 60. PFT: FVC (Forced Vital Capacity)
- 61. PFT: FEV1 (Forced Expiratory Volume)
- 62. PFT: FEV1/FVC Ratio
- 63. PFT: PEF (Peak Expiratory Flow)

9. Rapid Diagnostic Test (RDT) Kits

- 64. Malaria Pf-Pv Test Kit
- 65. Malaria Pf-PAN Test Kit
- 66. Dengue NS1 Ag Test Kit
- 67. Dengue IgG/IgM Ab Test Kit
- 68. Pregnancy (hCG) Test Kit
- 69. LH Ovulation Test Kit
- 70. HIV 1 & 2 Test Kit
- 71. Syphilis (TP) Test Kit
- 72. Hepatitis B (HBsAg) Test Kit
- 73. Hepatitis C (HCV) Test Kit
- 74. Typhoid (IgM/IgG) Test Kit
- 75. Viral Transport Medium (VTM)





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