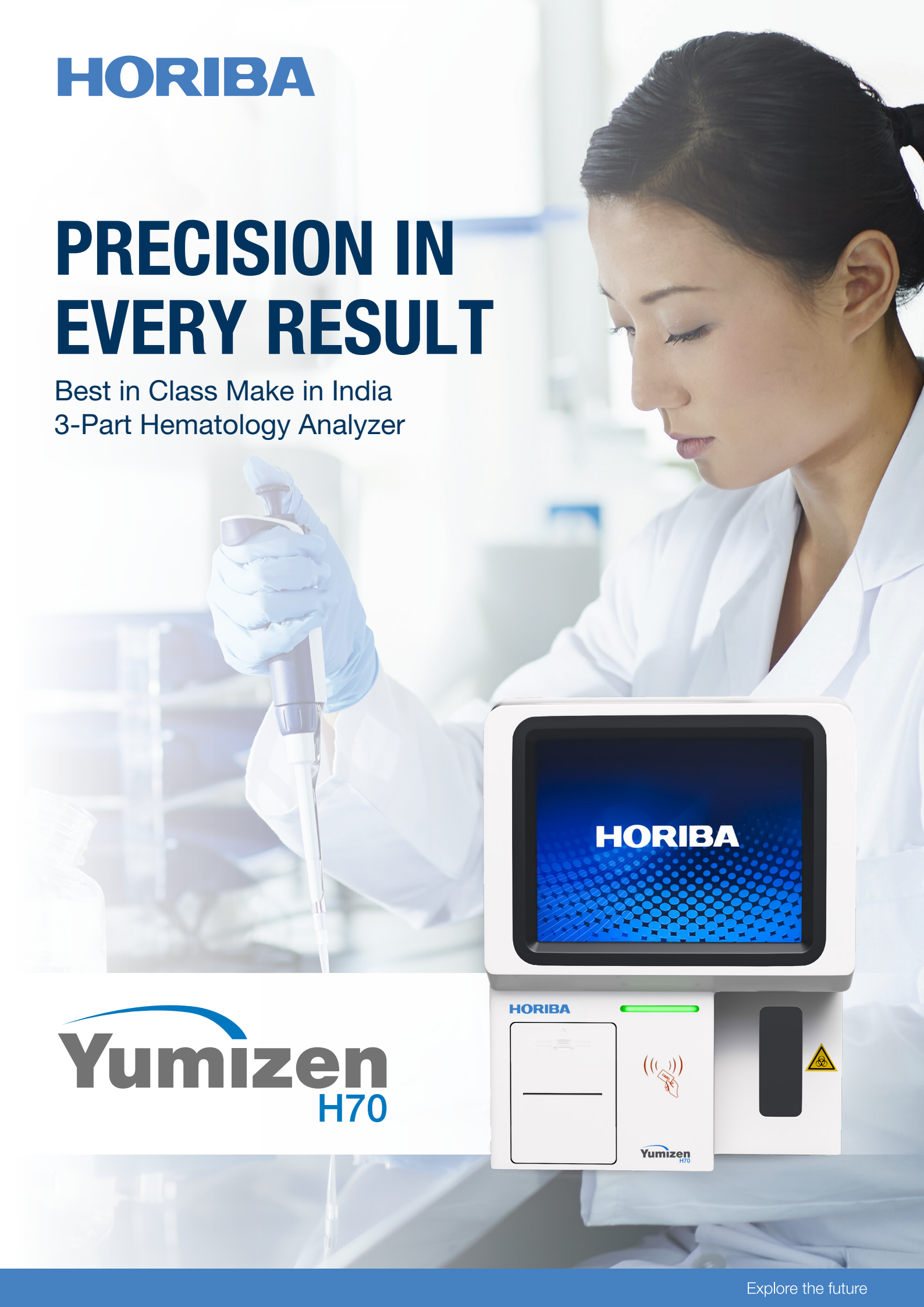
HORIBA

PRECISION IN EVERY RESULT

Best in Class Make in India
3-Part Hematology Analyzer



Yumizen
H70

Advanced High Throughput
3-part analyzer



Yumizen H70

10.5 Inches High resolution touch Screen

- User Friendly
- Easy Interpretation
- Operational efficiency
- Better inventory management



- 27 Parameters
- 7 parameters in WBC
- 8 parameters in RBC
- 7 parameters in PLT
  (PLCC, PLCR, PDW-CV, PDW-SD)
- 5 RUO parameters
  (MI, GLR, PLR, LMR, RDWI)

Colored histograms for RBC, WBC & PLT

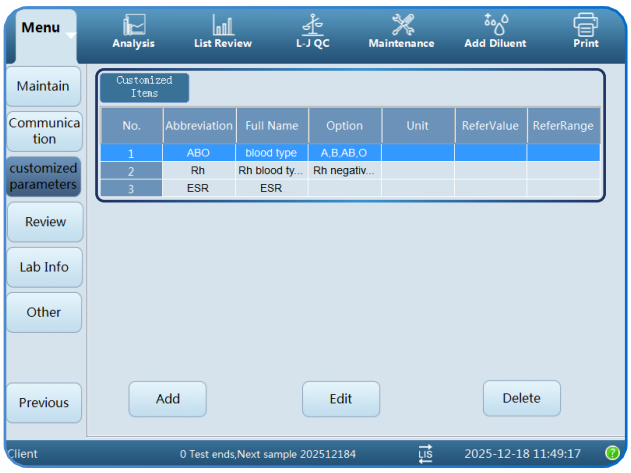
72 tests/hr

Only Two Reagents

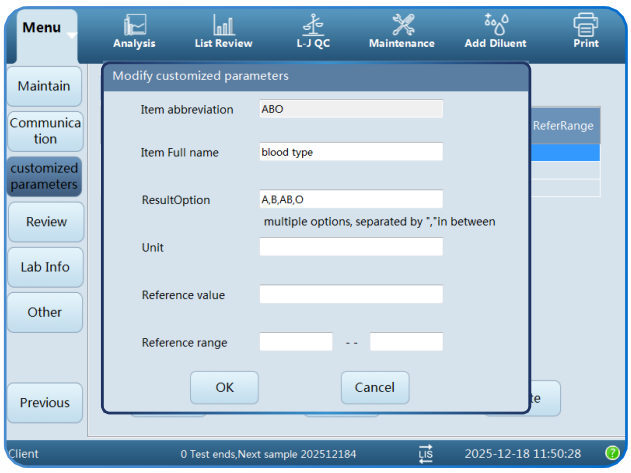
Total Security, Maximum Efficiency

Flexibility Built In

Add parameters, Expand possibilities…

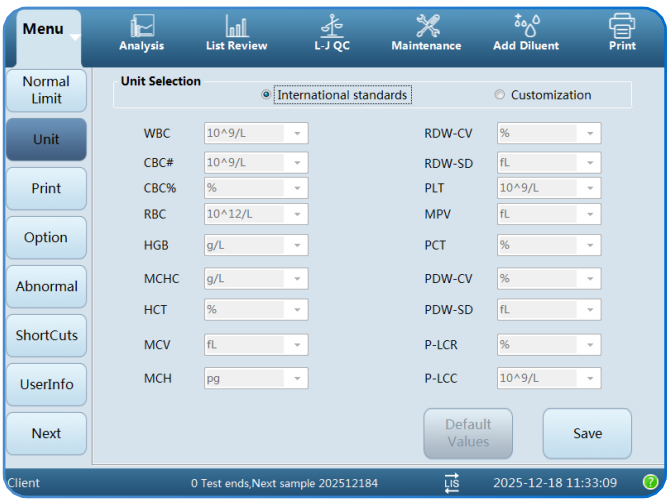


New tests can be added & the results can be integrated in the report for better interpretation



Modification of customized parameters

Your parameters, Your units Your way…



Parameter unit can be changed in settings

High linearity : Every parameter : Every range

Parameter	Linearity Range	Precision (CV%)	Carryover
WBC (103/uL)	0-300	≤3.5% (4.0-6.9)	≤0.5%
RBC (106/uL)	0-8.00	≤2.0% (7.0-15.0)	≤0.5%
HGB (g/L)	0-250	≤1.5% (110-180)	≤0.5%
PLT (103/µL)	0-4000	≤5.0% (100-149), ≤4.0% (150-500)	≤1.0%

Parameters : 27 Parameters

WBC : Lym%, Mid%, Gran%, Lym#, Mid#, Gran#, WBC (7 parameters)

RBC : HGB, MCV, HCT, MCH, MCHC, RDW-CV, RDW-SD, RBC (8 parameters)

PLT : MPV, PDW-CV, PDW-SD, PCT, P-LCR, P-LCC, PLT (7 parameters)

RUO Parameters : MI, GLR, PLR, LMR, RDWI (5 Parameters)

Principles

- Electrical impedance method for cell counting (RBC, WBC,PLT)
- Cyanide-free colorimetry method for hemoglobin

Analysis Modes & Sampling volume (5 modes of analysis)

Prediluted	:	20 µL
Whole Blood	:	9 µL
Capillary Blood	:	20 µL
PLT Mode	:	20 µL
HGB Mode	:	20 µL

Only 2 Reagents for analysis

20L Diluent
0.5L Lyse

Internal & external Reagent Position



Throughput

72 samples per hour
Sample storage : 1,00,000 samples, expandable up to 5,00,00

Display

10.5-inch color LCD touch screen

Input/ Output

RS232, USB, LAN
4 USB ports

Printout

- Inbuilt thermal printer 55 mm width paper
- External printer (optional)

Operating Environment Temperature	:	15°C ~ 35°C
Humidity	:	≤85%
Power Requirement	:	AC100–240V 50/60Hz
Dimensions	:	410×300×420 mm
Weight	:	18.5 kg
Calibration	:	Manual and automatic
Control	:	Tri level control

Special Parameters

MI	:	Mentzer Index
GLR	:	Granulocyte Lymphocyte Ratio
PLR	:	Platelet Lymphocyte Ratio
LMR	:	Lymphocyte Monocyte Ratio
RDWI	:	RDW Index
PLCC	:	Platelet Large Cell Count
PLCR	:	Platelet Large Cell Ratio

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