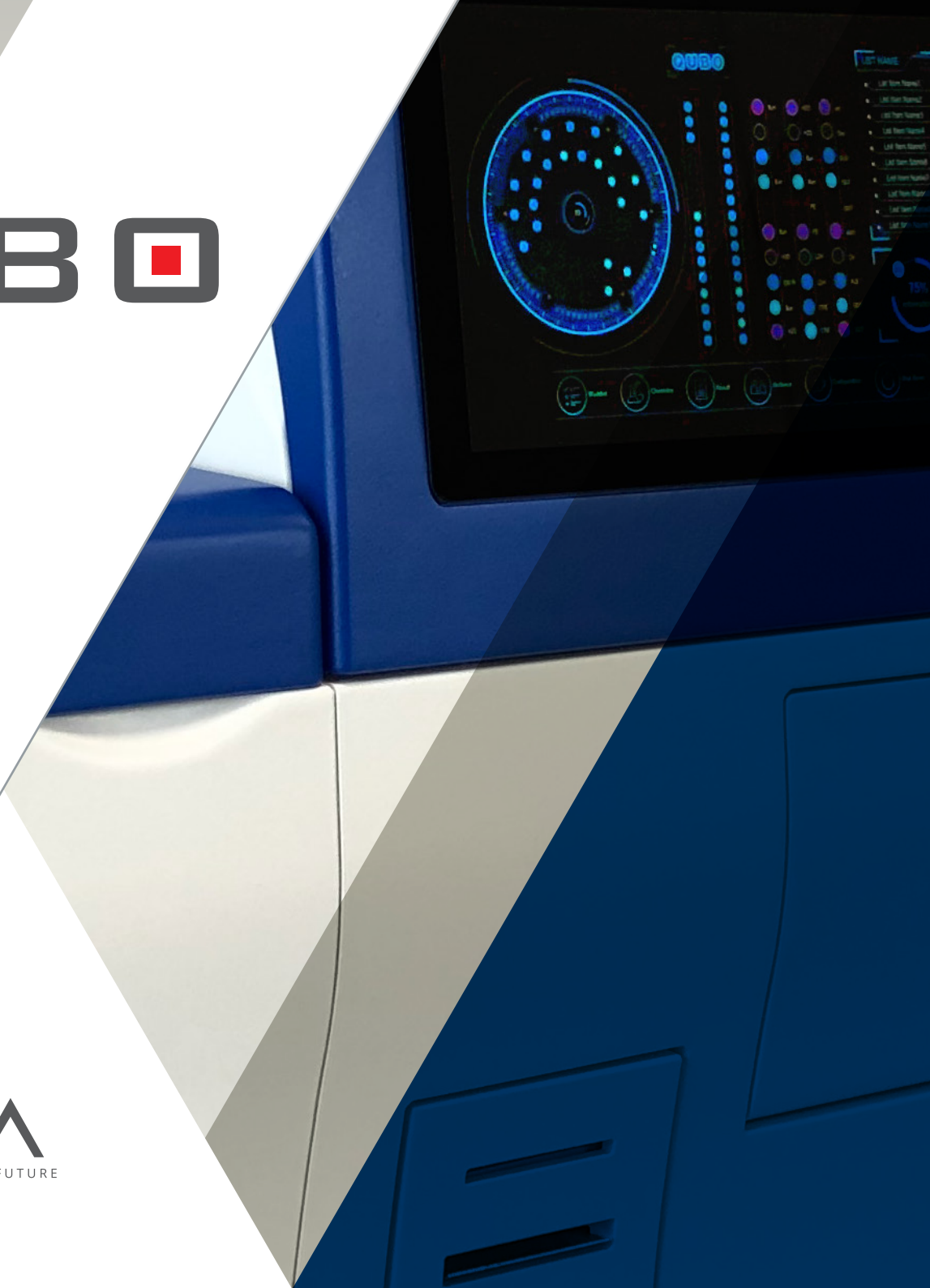
QUBO

VOLTA
DIAGNOSTICS FOR FUTURE



Cost efficiency

QUBO was specifically designed to deliver a true-cost effective chemistry solution for the laboratory. Small reagent bottles, optimization mapping, low reagent consumption per test.

Reliability

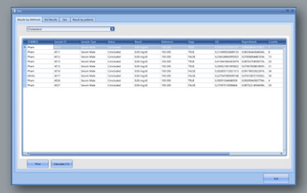
QUBO is designed from a collection of proven state of the art components from around the world to address that need. Developed and produced in Italy. Reagents are fully validated and optimized on the system to consistently yield quality results.

Time efficiency

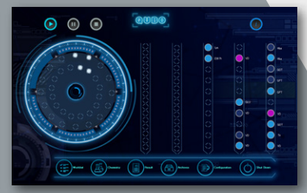
QUBO software is intuitive, easy to learn and the system is virtually maintenance free. The unique status screen provides visual indicators that maximize hand-off operation.

Flexibility

QUBO chemistry system offers flexibility with a menu that addresses a wide range of testing. Features, such as cap-percing, direct onboard lyse capability, flexible management of samples/reagents quantity on-board according to the daily working list makes the system unique in the world.



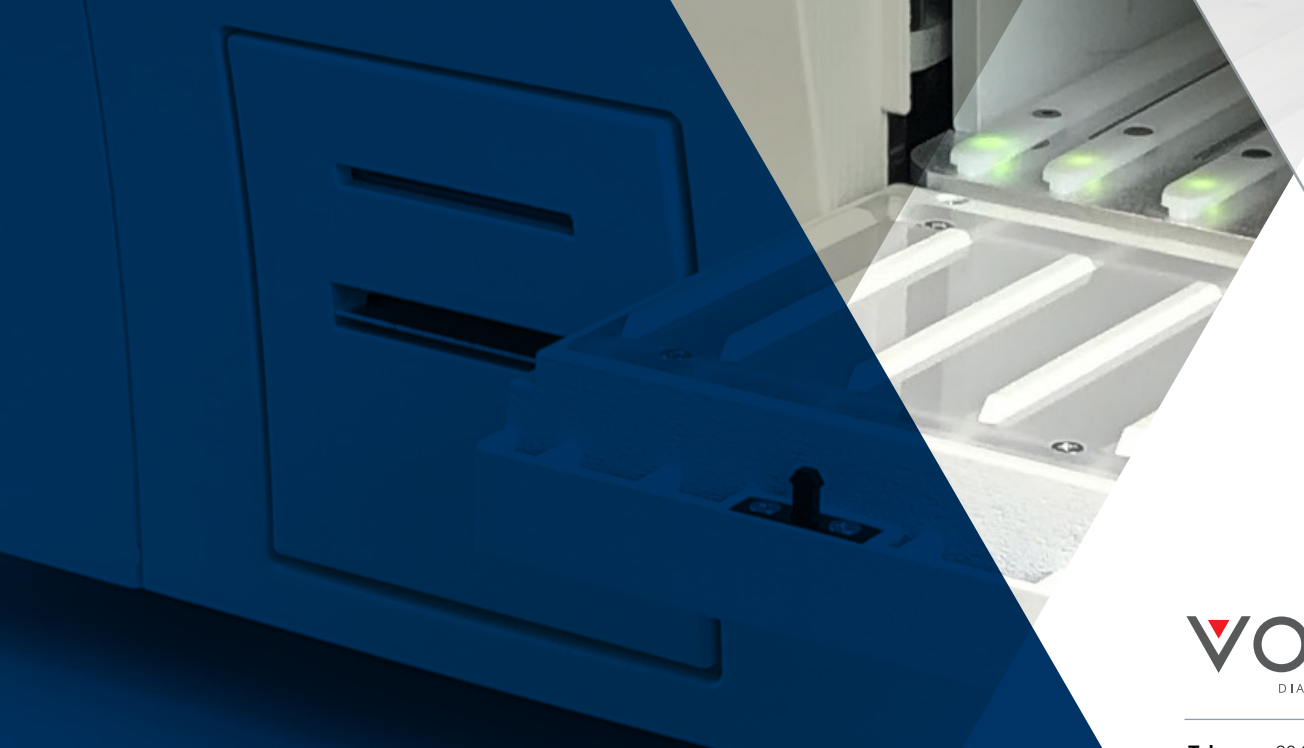




Testing menu

HbA1c (whole blood)
MICROALBUMIN
GLUCOSE
FECAL O. BLOOD
CALPROTECTIN
VITAMIN D
Hs-CRP
CK-MB
AST/GOT
HDL CHOLESTEROL
LDL CHOLESTEROL
TRYGLYCERID
ALBUMIN
ALT/GPT
ALP (DEA)
CALCIUM ARSENAZO
CHOLESTEROL PAP
CK-NAK
IRON
BILIRUBIN DIRECT
BILIRUBIN TOTAL
CREATININE
GAMMA GT
TOTAL PROTEIN
PHOSPHORUS
UREA UV
CHOLINESTERASE
URIC ACID
MAGNESIUM
COMPLEMENT C3
COMPLEMENT C4
ANTI-STREPTOLYSIN
FERRITIN
RHEUMA FACTOR
IGA
IGM
IGG
TRANSFERRIN





VOLTA
DIAGNOSTICS FOR FUTURE

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Technical specifications

UP TO 40 ONLINE PARAMETERS
UP TO 64 ONLINE SAMPLES
PRIMARY TUBES (12-13 mm Ø 75/100 mm height)
SAMPLE CUPS
CAP-PIERCING FOR SAMPLES (FOB)
180-200 MICROLITERS TYPICAL READING VOLUME
8 WAWELENGHTS FROM 340 nm to 700 nm
LONG LIFE HALOGEN LAMP (2000 HOURS)
REFRIGERATED AREA FOR SAMPLES and REAGENTS
CONTINUOUS LOADING OF SAMPLES and REAGENTS
SAMPLE VOLUME 1-200 MICROLITERS
REAGENT VOLUME 1-400 MICROLITERS
BAR-CODE READER FOR SAMPLES and REAGENTS
HIGH PRECISION MICRO METERING PUMP
120 TESTS/HOUR MONO REAGENT
60 TESTS/HOUR DOUBLE REAGENT
END-POINT, FIXED TIME, KINETIC, DIFF. SAMPLE BLANK
LEVEL SENSOR AND COLLISION SENSOR
AUTOMATIC SAMPLE DILUTION
AUTOMATIC LYSE OF WHOLE BLOOD (HbA1c)
CUVETTE ON BOARD 72
CALIBRATION WITH LINEAR/NON-LINEAR CURVES
REACTION TEMPERATURE 37 °C ± 0.1 °C
EASY MANAGEMENT OF CUVETTE RACK
PHOTOMETRIC LINEARITY 0 ÷ 3 OD
EXTREMELY LOW WATER CONSUMPTION
STAT FUNCTION FOR ALL SAMPLES
LIS BI-DIRECTIONAL CONNECTION
INTEGRATED PC AND TOUCH SCREEN MONITOR
INTEGRATED PRINTER
SOFTWARE BASED ON WINDOWS© 10
USB CONNECTION FOR EXT. PRINTER
AUTOMATIC START-UP and SHUT-DOWN
WORKING TEMPERATURE 18 ÷ 32 °C
RELATIVE HUMIDITY 30 ÷ 70 %
POWER SUPPLY 100 ÷ 240 Vac, 50-60 Hz
DIMENSION 45W x 45H x 50H cm
WEIGHT 25 Kg