

The **Yumizen T6000** is the innovative HORIBA Medical Laboratory Automated Solution (LAS) specifically developed for our HELO* solution.

- **Compact & suitable configurations:**
Linear, angular, workcell and island
- **Scalable panel of analytical configurations:**
from 2 to 6 analyzers among 4 instruments Yumizen H1500, H1500 SPS, H2500, H2500 SPS
- **Fully evolutive solution:**
ease to add new analyzers in accordance with laboratory activity increases
- **Continuously optimized Turn Around Time (TAT):**
smart workflow management, reactive workload smoothing algorithm
- **Immediate testing, efficient activity peak absorption:**
from 2 to 6 racks loading areas (up to 720 tubes per hour and loading capacity per conveyor)
- **Priority rack:**
They can be loaded directly on the conveyor in order to be prioritized



Yumizen
T6000

Configurations

Chained analyzers : Yumizen H1500, H1500 SPS, H2500, H2500 SPS.
Connection capacity: From 2 to 6 analyzers.
Shape : linear (no angle), angular (1 angle), workcell (2 angles)

Rack Conveyor

Loop conveyor with the 2 pneumatic turn modules
Conveyor speed : 10 m/min
Integrated barcode readers

Furniture

In accordance with the customer configuration
Accessibility: 50 cm optimal for backspace
Dimensions:

- Stand-alone configuration (optional furniture) :
 - H1500/2500 furniture (HWD cm) : 90 x 100 x 76
 - H2500-SPS furniture (HWD cm) : 90 x 250 x 76
- Chained configuration (mandatory furniture) :
 - H1500/2500 furniture (HWD cm) : 90 x 150 x 106 (with its interspace)
 - H1500/2500 SPS furniture (HWD cm) : 90 x 250 x 106 (if located on right end) 90 x 300 x 106 (if located elsewhere)
 - Turn module-angle (HWD cm) : 90 x 106 x 106

Yumizen Track Software (YTS)

Protocol : ASTM CI
Status light : 3 colors (Red, Orange, Green) for Automation status.
User rights: User, Supervisor, Administrator
Languages : FR, EN (US), ES, IT, DE, PT (BR)
Computer :

- Model : HP® ProDesk 400 G5
- Processor : i5 3.0Ghz
- Operating System : Linux® Ubuntu
- RAM : 4GB DDR3
- Hard drive : 2.0 Tb Sata III, 7200 RPM
- Storage capacity : 6 months
- Connectors : 2xUSB, 1xEthernet
- Weight : 7.14 kg
- Screen: articulated touchscreen monitor, LCD 17", 1280 x 1024, 16.7 million colors.

Characteristics

Temperature 15-35°C
Altitude : 0 – 2000m
Humidity : < 85%
Noise : < 60dB
Power : 100-127 / 220-240 VAC, 50-60 Hz
Integrated pneumatic unit : 2.1 Bar
Accessibility : 500 mm optimal for back space
Preventive maintenance: 1 / Year

Regulatory

- FDA Class I
- 98/79/EC (IVD)
 - 2011/65/EU (RoHS2)
 - 2012/19/UE
 - 2006/66/EC (Batteries & Accumulators)
 - 1907/2006 (REACH)



HORIBA
Medical

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