



iTest - 2-Parameter Capsule Tester

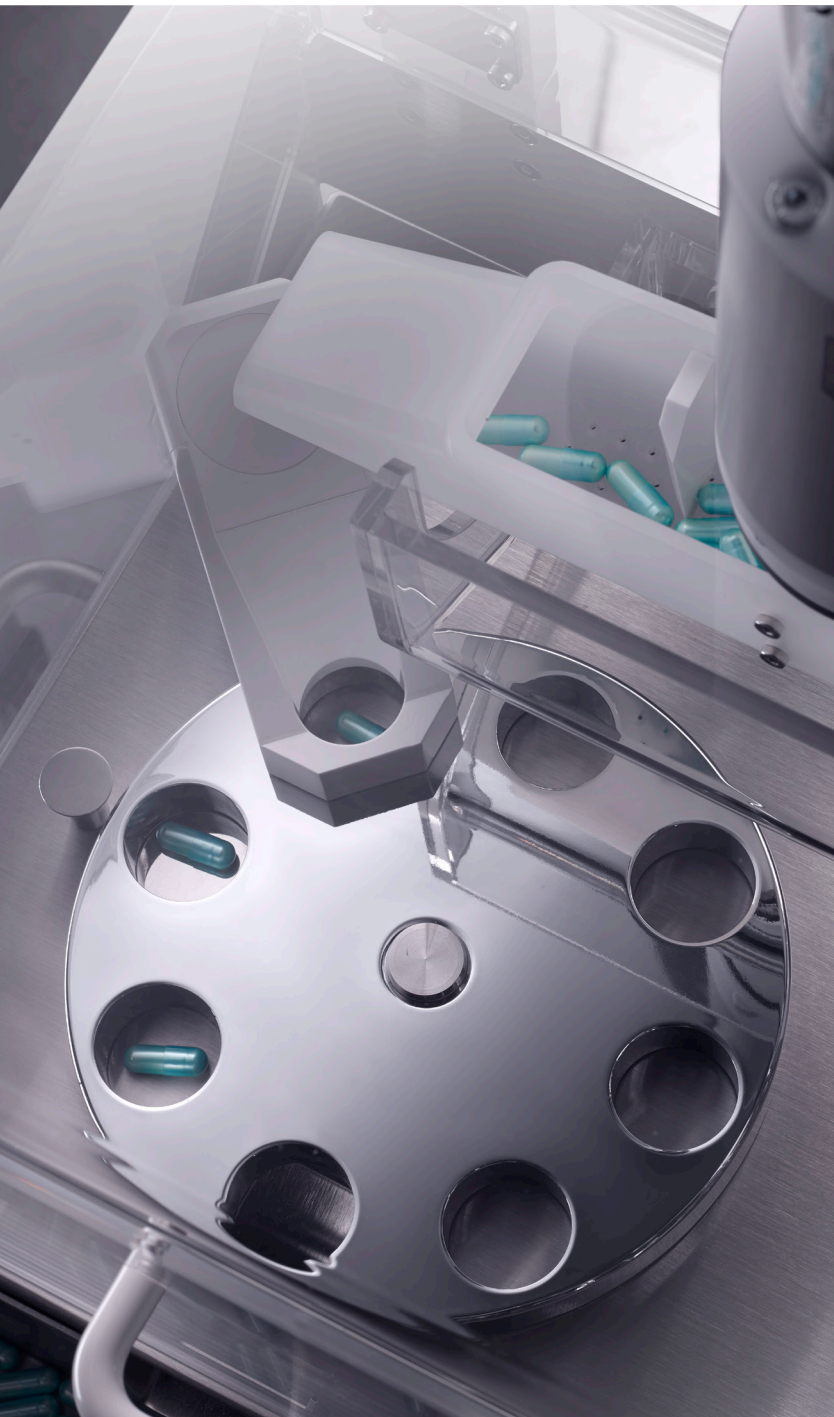
The iTest is an advanced automatic capsule testing system designed for integrated in-process control (IPC). It can function as a standalone unit with its own HMI or in combination with a capsule polisher from Pharma Technology. The module offers precise analysis of weight and length in a compact, dust-tight, or containment OEB3-4 design.

The iTest accurately measures capsule parameters thanks to its disturbance-free test area. Samples are transferred by vacuum to eliminate dust, and a pinch valve creates a closed system to prevent air turbulence.

All components are easily accessible and can be disassembled without tools, enhancing safety and maintenance ease. Optionally, the iTest can be equipped with H13 Hepa Filter and light negative pressure for \leq OEB4 operation.

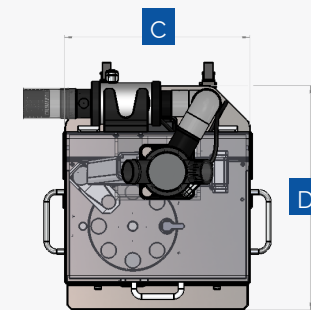
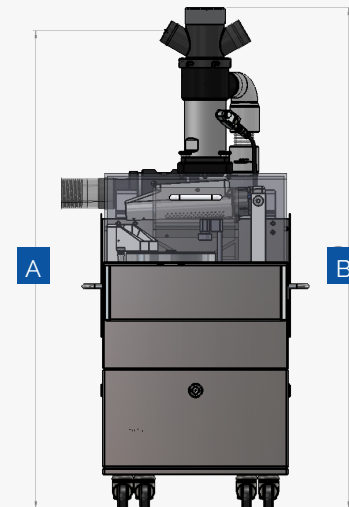
KEY BENEFITS

- Available in "DT" Dust Tight and "C" Containment \leq OEB4
- Accurate measurement of weight and length
- Separate testing and operating areas to increase operator safety
- Extremely quiet testing environment with no air turbulence
- Fully integrated in the polisher HMI
- Global reporting and audit trail
- CFR 21 Part 11 compliant software



TECHNICAL SPECIFICATIONS

Containment level	Dust tight or Containment \leq OEB4
Samples conveying	Dust-Tight aspiration (optional venturi)
Available sizes	00 to 4
Requested air extraction	Between 150-200 m ³ /h
Dust extraction connection	Mini Flex Connect ©
Requested compressed air	min. 4bar
Compressed air connection	QS8
Power supply & Frequency	110V/230V - 50 Hz/60 Hz
Polymer contact part	PMMA - PX 280 FDA - POM C
Contact parts finishing	RA <0,5 μ m
Frame part	Stainless steel 304
Frame finishin	Mirror polished
Frame mounted on wheels	Yes
IQ-OQ protocol	Available
Material certificates	Available
Total height (without vacuum conveyer)	470 mm
Floor dimensions (WxL)	440 mm x 490 mm
Inlet chute tester	Flex Connect ©
Outlet chute teste	TC DIN 32676 DN 50
Net weight tester (+/- 5Kg)	28 Kg
Weighing measurement	
Weighing cell	Sartorius WZA224-L
Weighing unit	1 mg/0,1 mg (adjustable)
Weighing range	10 mg - 50 g
Weighing accuracy	\pm 1 mg in stable environment
Length measurement	
Measurement principle	Stepper-Motor
Measurement unit	mm (inch)
Measurement range	3 - 25 mm
Measurement accuracy	\pm 0,1 mm



Mass



Length