

iTest Product Family Comparison

Feature	iTest.Pro	iTest.Lite	iTest.Micro	iViewBox	Offline Dev Suite (configuration)
Intended System Type	Measurement and control applications	Small engine, durability, end of line	Small component stand (alternator, start/stop, pump, etc.)	Non-Windows based systems; embedded controllers	Scripting, schedule creation, etc.
Control Rates	1kHz	100 Hz 1kHz (w/RT option)	1kHz (for 1 Parameter)	Interactive only	N/A
Acquisition Rates	Up to 5kHz	100Hz 1kHz (w/ RT option)	1kHz (10 Channels) 100Hz (400 Channels)	1Hz	N/A
5KHz	HW/Bus limited	No	No	No	
1kHz	Up to 512 Channels	Yes (with RT option)	Up to 10 Channels	No	
100Hz	**Yes	**Yes	Up to 400 Channels	No	
1Hz	**Yes	**Yes	**Yes	Yes	
Logged Channels (max)	300,000*	1,500	410	100 CANbus 100 I/O	N/A
User Defined Channels (max)	12,000	4,000	2,000	100 CANbus 100 I/O	N/A
Active User Definable Calculations (max)	2,000	200	50	10	N/A
PID Loops	30 PID groups 8 @ 1kHz	4 (Optional RT upgrade)	2	None	N/A
Dyno control	Yes	RT upgrade or external controller	None	None	N/A
Notes	Complete package	Configurable, limited customization; No TestManager, external dyno control required	Requires LabCentral; assumes the same application across multiple cells	Hardware solution; requires LabCentral	Replaces Remote Engineer

*Hardware-limited

**At maximum #Channels