



The **Current** Test Company

QD-1011Lite – QD-1011 – QD-1020 – QD-2000 Comparison sheet.

Module	QD-1011Lite	QD-1011	QD-1020	QD-2000
Module supply	Single +5V	Single +5V	Single +5V	Dual -5V/+10V
Number of measurement channels per module	1	1	1	4
Module orientation (V= Vertical, H = Horizontal)	V / H	V / H	V	V / H
Bypass & Basic measurement functionality	YES	YES	YES	YES
Measurement result (A = Analog, D = Digital)	A / D	A / D	A / D	D
Pass/fail reference, comparison & pass/fail flag	YES	YES	YES	NO
User controlled measurement result readout	YES	YES	YES	NO
Module controlled measurement result readout	NO	NO	NO	YES
Advanced on-board data processing capabilities (capable to support for advanced IDDQ strategies, window comparison, ...)	NO	YES	YES	NO
On-board memory & memory readout support	NO	YES 500 values	YES 500 values	NO
Multi-site optimized (resource sharing, independent module configuration using common control/communication)	NO	NO	YES	NO
Programmable sample setting	NO	YES 1 – 4 – 16	YES 1 – 4 – 16	NO
Measurement time (F = Fixed, V = Variable, sample setting related, values are specified for 1 – 4 – 16 sample operation)	F: 150µs	V: 115–146–260µs	V: 115–146–260µs	F: 200µs



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Module	QD-1011Lite	QD-1011	QD-1020	QD-2000
Offset measurement & automated offset correction	NO	Optional	YES	NO
Measurement resolution/repeatability (100µA/2µF configuration) (F = Fixed, V = Variable, sample setting related, values are specified for 1 – 4 – 16 sample operation)	F: 50nArms	V: 50–25–15nArms	V: 50–25–15nArms	F: 50nArms
Quad site application				
Number of modules needed	4	4	4	1
Number of ATE channels needed for independent module control	12	12	3	6
Number of ATE channels needed for common module control	6	6	3	6
Octal site application				
Number of modules needed	8	8	8	2
Number of ATE channels needed for independent module control	24	24	3	12
Number of ATE channels needed for common module control	10	10	3	10