

FEATURE COMPARISON

	iCPlate2 X	iCPlate2 XT	PlateScope
PRIMARY FUNCTION	Simple plate measurement checks	Regular job control and plate measurement checks	Routine process control, tight job control and plate measurement checks
ACCURACY	Generic mode to accurately read all supported plate types	Generic mode to accurately read all supported plate types	Generic mode to accurately read all supported plate types. Includes specific plate tables to adapt to the unique behaviors of the most common plate types for highest measurement accuracy
REPEATABILITY	High repeatability	High repeatability	Highest repeatability performance
STANDARD PLATE SUPPORT	Supports most popular plate types (Ask your X-Rite representative about the support of your plate)	Supports most popular plate types (Ask your X-Rite representative about the support of your your plate)	Supports most popular plate types (Ask your X-Rite representative about the support of your your plate)
PROCESSLESS PLATE SUPPORT	Supports high-contrast process-less plates such as AGFA Azura, and Fuji Pro-T low latency plate, if washed with special cleaner	Supports high-contrast process-less plates such as AGFA Azura, and Fuji Pro-T low latency plate, if washed with special cleaner	Supports high-contrast process-less plates such as AGFA Azura, and Fuji Pro-T low latency plate (Ask your X-Rite representative about support of your specific plate)
EASE OF USE	Easy to position with a highly visible target	Easy to position with a highly visible target	Easy to position – revolutionary video targeting system allows for positioning from a full's arm's length away or in darker environments
CONNECTIVITY	Serial connection to the COM port of your computer	Serial connection to the COM port of your computer	USB
SOFTWARE	Includes Capture Tool, PlateQuality 2.0 optional	Includes Capture Tool, PlateQuality 2.0 optional	Includes Capture Tool and PlateQuality 2.0

PLATE READER TECHNICAL DATA

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FUNCTIONS			
Dot area %	X	X	X
Dot size (dot diameter)		X	X
Screen ruling (Lines/cm or lines/inch)		X	X
Screen angle		X	X
Visual coverage		X (0 – 2.2 D)	
Visual analysis	X	X	X
Plate characteristic		X	X
Measurement storage		100	20 x 7
MEASUREMENT SAMPLES			
Standard offset plates	X	X	X
Processless plates (e.g. Agfa Azura)	X	X	X
Processless, low latency plate			
Fuji Pro-T (washed)	X	X	X
Polyester plates	X	X	
Paper		X	X
Film		X	
Positive and negative plates	X	X	X
AM screening	X	X	X
FM screening	X	X	X
Hybrid screening	X	X	X
USER INTERFACE			
Graphical display	160 x 80 pixels 4 step grey		140 x 160 pixels 24 bit color display
Multilingual	X		X
Icon based	X		X
Left - Right hand aperture	X		X

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POWER SUPPLY			
Power source	2 Batteries 1.5 V (Size AA)		Rechargeable Ni-MH batteries
Battery life (measurements)	30,000 (typ.)		> 2'000 /typ.)
DATA INTERFACE			
Interface	Serial (115'200 baud)		USB2.0
MEASUREMENT TECHNOLOGY			
Ring illumination	X		X
Illumination colors	R	R, G, B	R, G, B, RGB IR, UV
Screen ruling range (AM)	26 – 147 l/cm 65 – 380 lpi		30 – 150 l/cm 75 – 380 lpi
Dot size range (FM)	10 µm – 50 µm		10 µm – 70 µm
Repeatability	± 0.5% (typ.)		± 0.5% (typ.)
Measurement time	3 sec (typ.)		3 sec. (typ.)
MECHANICAL DATA			
Dimensions (H x V x L)	4.8 x 7.3 x 14.5 cm 1.9 x 2.9 x 5.7 in		9 x 9 x 20 cm 3.8 x 3.8 x 7.9 in
Weight	400 g / 14 oz		850 g / 30 oz

X-RITE WORLD HEADQUARTERS

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Specifications subject to change without notice.



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