

TECHNOLOGY			
	Blood is actively pumped through the channels of the cuvette simulating the characteristics of the human capillary system ~ mechanical clot detection	Blood is monitored electrochemically, such that as blood clots, a change in electrical flow is detected and converted to clotting time	Clot formation has been designed to mimic blood flow characteristics of the human circulatory system
Measuring range (INR)	0.8 - 9.9	0.7 - 7.5	Wider reportable range
Hematocrit range	20 - 60%	30 - 55%	Wider hematocrit range
Sample type	Venous and capillary	Capillary only	Convenient, flexible
Accuracy (product insert data)	r = 0.95	r = 0.93	ProTime showed a smaller bias in results compared to the lab than did INRatio ¹
QUALITY CONTROL			
Lot code entry	No coding necessary. Lot code built into barcode on each cuvette	Yes, manual lot code entry is required	No coding required eliminates risk of incorrect result due to wrong code and saves time
External QC	DCPRO-N/DCPRO-A	Not available	Convenient if required locally
Proficiency testing	Available if needed through AAFP, API, MLE or WSLH	Not available	Convenient if required locally
SAMPLING			
Sample collection	Off-meter sample collection	On-meter sampling	Enhanced safety, minimizes coordination and contamination
Collection device	Convenient and safe 2-in-1 fingerstick and sample collection device included with every test	Must purchase lancet and capillary transfer tube separately to hit "bulls-eye" with strip on meter	Saves money, all inclusive. Retractable blade provides safety against accidental sticks
Available time to apply sample	Up to 2 minutes	Immediately	No need to rush sample collection
CONNECTIVITY			
Stores PID/OID	Yes	No	Reduces transcription errors
Auto-send results to computer or LIS	Yes	No	Reduces transcription errors, saves time
HL7 and ASTM compatible with JavaLin 300 interface	Yes	No	EMR and LIS ready
PACKAGING			
Cuvette choice	ProTime 3-channel or 5-channel	One strip type only	Your choice. ProTime 3-channel offers same level of accuracy and reliability with single channel testing while ProTime 5-channel offers triplicate testing
Cuvette open pouch stability	16 hours	10 minutes	Convenient, no need to rush test or waste reagent
Battery	Rechargeable and customer replaceable	4 AA batteries	Saves time and money. No need to purchase batteries on a routine basis
Warranty	3 year	1 year	Saves money

¹ Heifetz, S, MD, FACC, Kneissel, M.J. RN, BSN Minnesota Heart Clinic, Minneapolis, MN, USA, Re-evaluation of Point-of-Care (POC) Monitors for Routine Oral Anticoagulation Clinic Use, presented at AACC Conference in Orlando, FL, USA July 24-28, 2005