

# ARKIMED<sub>s</sub>



The Arkimeds System is fully automated coagulometer, a high performance analyzer with photo-optical clot detection that offers a wide variety of coagulation tests. The Arkimeds has a highly sensitive photometer designed to perform all routine tests such as PT, A-PTT, TT, Fibrinogen and clotting factors, with a light source provided by a solid state three wave-length led wich ensures accurate and precise results.

Smart and Cost Effective Solution for Automated Coagulation analisys

<b>THROUGHPUT</b>	UP TO 120PT TESTS/HOUR in best condition
<b>REAGENTS</b>	6 + 5 POSITIONS 3 positions at 37°C/Optional Refrigerator
<b>REACTION VOLUME</b>	FROM 150ul TO 450ul max
<b>SAMPLE VOLUME</b>	MINIMUM 50ul
<b>SAMPLING ARM</b>	1 FOR SAMPLE AND REAGENTS
<b>SAMPLE</b>	18 SAMPLES WITH PRIMARY TUBES
<b>PHOTOMETER</b>	TRIPLE WAVELENGTH 460nm 510nm 630nm
<b>PHOTOMETER ACCURACY</b>	HIGH LINEARITY +/- 0.5% F.S.
<b>SAMPLING</b>	HIGH PRECISION MODULE - from 10UL to 250UL
<b>PERFORMED TESTS</b>	PT, APTT, FIB, TT, AT-III, PRO-C, PRO-S
<b>INTERFACE</b>	USB 2.0
<b>BARCODE</b>	INTERNAL - Optional
<b>COMPUTER</b>	EXTERNAL WITH WIN XP SP2 - Optional
<b>POWER SUPPLY</b>	INPUT 100/240 VAC - 47/63 Hz - 100 W
<b>DIMENSION</b>	HEIGHT 40cm/15.7inch - WHIDTH 65cm/25.6inch - LENGHT 45cm/17.7inc
<b>WEIGHT</b>	25 Kg - 55 Lbs

Operating system Windows xp/Windows 7, graphic user friendly windows software. real time graphical result, automatic claus fibrinogen plasma dilution. Result expressed in second, percentual%, INR, concentration, ratio, automatic calibration with multipoint or regression curve.

Patient database on line, with result, sort & filters, three levels access protected with passwords, internal quality controls with printable levy-jennings graph. Languages, English, Italian, Spanish plus translation on request, two dedicated washing solution for a perfect cleaning. In the periodical service are only involved the syringe teflon tip and two silicon tubes.



**Tridema Engineering S.r.L.**