## MODEL AC-30A

Digital Mains Frequency Spark Tester

- Separate components for versatile installation
   Rugged electrode with visual/audible alarms
- >>> Automatic bead chain placement
- Flexible communication options for computer controlled lines

The AC-30A, Clinton's new Digital 30KV Mains Frequency Spark Tester for large wire, can be installed almost anywhere on the wire line. The system is comprised of 3 separate components:

- » rugged electrode with visual/ audible alarms, simple stringup, and automatic bead chain placement for full coverage of large products
- » digital control unit that can be located up to 200 feet away
- » adjustable height electrode stand

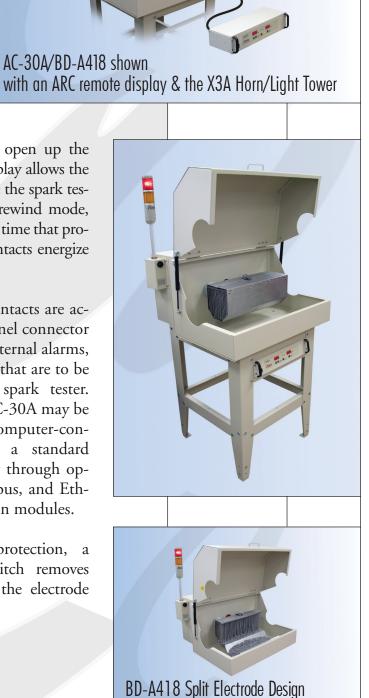
The control unit features digital test voltage and fault count displays that are vivid and easy to read. Wiring and setup are done externally--



there is no need to open up the unit. The digital display allows the operator to configure the spark tester for extrusion or rewind mode, or to set the length of time that process control relay contacts energize after a fault occurs.

Form C relay contacts are accessible on a rear panel connector for easy wiring to external alarms, lights or machinery that are to be controlled by the spark tester. Additionally, the AC-30A may be integrated into computer-controlled lines with a standard RS-485 interface or through optional analog, Profibus, and Ethernet communication modules.

For operator protection, a safety interlock switch removes high voltage when the electrode cover is lifted.



## AC-30A SPECIFICATIONS

<ul> <li>Voltage Test RangeApprox. 1Kv to 30kV rms, depending on electrode type and product under test.</li> <li>Voltage DisplayRed 3-digit 14.2mm high LED display, accuracy 2% of reading.</li> <li>Test FrequencyMains frequency 50 or 60Hz.</li> <li>Output Current</li></ul>					Communication			
[1582.78]-67.31 [170.97]					T-D	24.00 [609.60]	5.75 [146.05] 3.50" [88.9] 17.00" [431.8] 1.75" [44.45] 24.00 [609.60]- 24.00 [609.60]- 22.00 [558.80]-	D C B B C C B C C C C C C C C C C C C C
Measurements:-								
Product size: Ma	x 2″ diameter —							
Model:	A	В	C	D	Electrode Length	UL 60Hz	UL 50Hz	BS EN50356
BD-A224	49.73[1263.04]	N/A	9.30 [236.14]	29.02 [737.0		800fpm,245mpm	667fpm,204mpm	2400fpm,736mpm
BD-A230	49.73[1263.04]	N/A	9.30 [236.14]	29.02 [737.0		1000fpm,305mpm	833fpm,254mpm	3000fpm,914mpm
BD-A236	49.73[1263.04]	N/A	9.30 [236.14]	29.02 [737.0	3] 36 [914.4]	1200fpm,368mpm	1000fpm.,306mpm	3600fpm,1104mpm
Product size: Max 4" diameter								
BD-A406	31.73 [805.84]	2.06 [52.40]	11.28 [286.54]	31.00 [787.43		200fpm,61mpm	167fpm,51mpm	600fpm,184mpm
BD-A412	31.73 [805.84]	2.06 [52.40]	11.28 [286.54]	31.00 [787.43	] 12 [304.8]	400fpm,122mpm	333fpm,102mpm	1200fpm,368mpm
BD-A418	31.73 [805.84]	2.06 [52.40]	11.28 [286.54]	31.00 [787.43	] 18 [457.2]	600fpm,183mpm	500fpm,153mpm	1800fpm,552mpm
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