## MODEL AC-30A

## Digital Mains Frequency Spark Tester

$\gg$ Separcte components for vesastile installation
$\gg$ Rugged electrode with visua/wudible alarms
$\gg$ Automatic bead chain placement
$\gg$ Flexible communication options for computer controlled lines


AC-30A/BD-A418 shown with an ARC remote display \& the X3A Horn/Light Tower

TThe AC-30A, Clinton's new Digital 30 KV 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
$\gg$ 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 SPECIIFCATONS




## Measurements:

Product size: Max 2" diameter

| Model: | A | B | C | D | Electrode Length | UL 60Hz | UL 50Hz |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BD-A224 | 497.73[1263.04] | N/A | 9.30 [236.14] | 29.02 [737.03] | 24 [609.6] | 800fpm,245mpm | 667pm,204mpm |
| BD-A230 | 49.73[1263.04] | N/A | 9.30 [236.14] | 29.02 [737.03] | 30 [762] | 1000 fm, 305 mpm | 833fpm,254mpm |
| BD-A236 | 497.73[1263.04] | N/A | 9.30 [236.14] | 29.02 [737.03] | 36 [914.4] | 1200fpm,368mpm | 1000fpm,.306mpm |
| Product size: Max 4" diameter |  |  |  |  |  |  |  |
| BD-A406 | 31.73 [805.84] | 2.06 [52.40] | 11.28 [286.54] | 31.00 [787.43] | 6 [152.4] | 200fm,61mpm | 167fpm,51mpm |
| 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 |
| 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 |

BS EN50356
2400fpm,736mpm
3000fpm,914mpm
3600fpm,1104mpm

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