```
;{CR10X}
;
*Table 1 Program
  01: 1 Execution Interval (seconds)
```



```
;September 8, 2003
;H Kim
;version 1.0
```

Sensit Company comments:
1 - This was provided to me from Campbell for distribution to Campbell data logger users so I assume you may ignore the copyright notice.
2 – Sensit does not get involved with data logger programing. We can't be liable for data loss due to programing mistakes. Sorry, but you must contact Campbell for programming help.
3 – The Sensit sensor wiring shown below

```
;The wiring and the programming instructions for the CR510 and CR23x
;dataloggers are the same as those for CR10X shown here.
;This program measures the eroding mass flux sensor,
;Sensit model H12A, H11B or H11C.    It takes the measurements
;once every second, and totalize the counts for the custom
;"sampling period" of 5 minutes.    The Kinetic Energy measurement
;is saved as "KE", and the Particle Count is saved as "PC".
;A user can modify the totaling period by changing the second
;parameter in the "If time is (P92)" instruction to the desired "sampling period"
;in minutes.   The interval for the "sampling period" can also be
;changed from minutes to seconds by indexing the first parameter.


;wwwwwwwwww           Wiring          wwwwwwwwww
;
;
;PULSE INPUT CHANNELS
;
;P1           Kinetic Energy (H11-LIN:org old:brn)
;
;P2           Particle Count (H11-LIN:wht old:red)
;
;
;
;POWER OUTPUT CHANNELS
;
;12V           Power (H11-LIN:red old:wht)
;
;5V            Enable (H11-LIN"PHAoutput":blu old:blu)
;
;G             Signal & Power Ground (H11-LIN:blk old:blk)
;



;
;Measure the counts for Kinetic Energy
;
1:  Pulse (P3)
 1: 1         Reps
 2: 1         Pulse Channel 1
 3: 00        High Frequency, All Counts
 4: 1         Loc [ KE        ]
 5: 1.0       Mult
 6: 0.0       Offset
```

```
;
;Measure the counts for Particle Count
;
2:  Pulse (P3)
 1: 1         Reps
 2: 2         Pulse Channel 2
 3: 00        High Frequency, All Counts
 4: 2         Loc [ PC        ]
 5: 1.0       Mult
 6: 0.0       Offset

;
;Totalize the KE and PC for the "sampling period" of 5 minutes
;
3:  If time is (P92)
 1: 0         Minutes (Seconds --) into a
 2: 5         Interval (same units as above)
 3: 10        Set Output Flag High (Flag 0)

;
;Record the date and time
;
4:  Real Time (P77)^16220
 1: 110       Day,Hour/Minute (midnight = 0000)

5:  Resolution (P78)
 1: 1         High Resolution

6:  Totalize (P72)^8880
 1: 2         Reps
 2: 1         Loc [ KE        ]

*Table 2 Program
  02: 0.0000    Execution Interval (seconds)

*Table 3 Subroutines

End Program
```