

CHANGE/ERRATA INFORMATION

ISSUE NO: 1 10/85

This change/errata contains information necessary to ensure the accuracy of the following manual. Enter the corrections in the manual if either one of the following conditions exist:

1. The revision letter stamped on the indicated PCB is equal to or higher than that given with each change.
2. No revision letter is indicated at the beginning of the change/errata.

MANUAL

Title: 2280 Series User Guide  
Print Date: February 1985  
Rev.- Date:

C/E PAGE EFFECTIVITY

Page No.	Print Date
1	10/85
2	10/85

**ERRATA #1**

On page 3b-9, under ON DEMAND ONLY, change the second and fifth lines of text,

FROM: going to the front panel, pressing the scan button, and ...

TO: going to the front panel, pressing the single scan button, and ...

FROM: A scan can always be triggered on demand from the front ...

TO: A single scan can always be triggered on demand from the front ...

**CHANGE #1**

On page 3b-10, under EXTERNALLY TRIGGERED, replace the information with the following paragraphs:

The external trigger is the fifth choice of scan trigger mode. It is located on J25 and is used to trigger a scan group as a result of the hardware trigger input line transitioning from a low to a high state. This can be done using a normally closed relay or switch.

When the external trigger is used, a scan occurs according to the scan group's priority. If it is next in the queue, it is executed after the current scan or within a second if no scan is running. The "scheduler" for scan priority looks for the waiting scan groups after a mode being used. If you want it acknowledged faster than one second, negate the delay by using scan group 9 as a continuous scan (no channel list is required). The "scheduler" looks at the queue after each scan of group 9; this takes less than a second.

**CHANGE #2**

On page 3c-5, under LIMIT VALUE, add the following sentence to the end of the first paragraph:

The magnitude of the limit value, which can be expressed in up to 11 characters, is between 2.8E-20 and 9.22E18.

**ERRATA #2**

On page 4-18, under Example, remove:

-7.3 \*\* 2

Change the caution to read:

**CAUTION**

Operand1 must be greater than zero. If operand1 is zero or negative in value, an argument negative error is reported.

## ERRATA #3

On page 4-42, replace the standard deviation equation with Figure 1.

$$\sigma = \sqrt{\frac{\sum X_i^2 - n\bar{X}^2}{n-1}}$$

Figure 1.

On page 4-43, under <A> CHANNEL PROGRAM, change the CHANNEL #BLOCK column,

```
FROM: 200 | P |           |           | CS=SQR((C100-C101*C101/(C102)/(C102-1))
TO:   200 | P |           |           | CS=SQR((C100-C101*C101/(C102)/(C102-1))
```

## ERRATA #4

On page 7-24, under Programming Examples, change the first sentence,

FROM: The following program is written in BASIC to run on the Fluke 1720A Instrument Controller.

TO: The following program is written in BASIC to run on either the Fluke 1720A or 1722A Instrument Controller.

On page 7-25, replace lines 10, 20, 40 and 50 to read,

```
10 ! open rs-232 port KB1 on the 1720 or 1722 for output to the
    2280
20 OPEN "KB1:" AS NEW FILE 1%
40 ! open rs-232 port KB1 on the 1720 or 1722 for input from
    the 2280
50 OPEN "KB1:" AS OLD FILE 2%
```

## ERRATA #5

On page 7-27, under step 1,

```
CHANGE: !D,1,<file name>,<start data>,<start time>,
TO:     !D,1,<file name>,<start date>,<start time>,
```

## CHANGE #3

On page 9d-1, add the following note:

## NOTE

The following pages provide information on how to read a 2280 Series generated tape on an external reader/computer system.