

Smar's **SD1** Magnetic Tool is the second man-machine interface used to make local adjustments in the Smar's transmitters and converters. It comprises the advantage of the powerful HHT and the convenience of the "good-old" screwdriver. The instruments have, under the identification plate, holes for two magnetic switches activated by the magnetic tool.

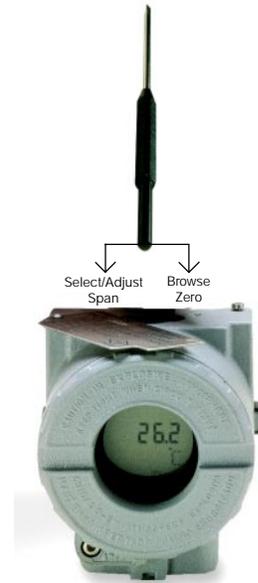
If the transmitter or converter are fitted with a display, and configured for Complete Local Adjustment, the magnetic tool is almost as powerful as the HHT. It eliminates the need for an HHT in most basic applications.

- ✓ Extremely portable.
- ✓ Low cost, give one to every technician.

How often have you found yourself in the field without your Hand-Held Terminal (HHT) wishing to check on a transmitter. The SD1 you can always carry with you so you don't have to run back to the workshop to get the HHT, find that someone else is using it or the batteries are flat. Any plant can afford to give a magnetic tool (SD1) to every technician and engineer that is qualified. Several people need not fight over one or a few Hand-Held Terminals. They can always have it with them, to take action any time, without having to go back to the plant to get the hand-held.

Many transmitters have a simple local adjustment (setting of range to applied input), but complete local adjustment is unique to Smar. To be able to locally adjust the range without having to apply the input is a major advantage. Damping adjustment and zero calibration can also come in very handy in field work.

In complete local adjustment mode the SD1 is used to browse a hierarchical menu to access important parameters and adjust them, also using the SD1. The parameter mnemonic is displayed in the local indicator. The procedure is similar to setting the time of a common digital wrist watch.



Adjustment is done without opening the covers or compromise the flame proof or weather proof rating of the device in any way. Using a hardware jumper in the field device the instrument configuration can be protected by disabling the local adjustment.

Increase value, decrease value, select option, password.

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www.smar.com

Specifications and information are subject to change without notice.
Up-to-date address information is available on our website.

web: www.smar.com/contactus.asp

