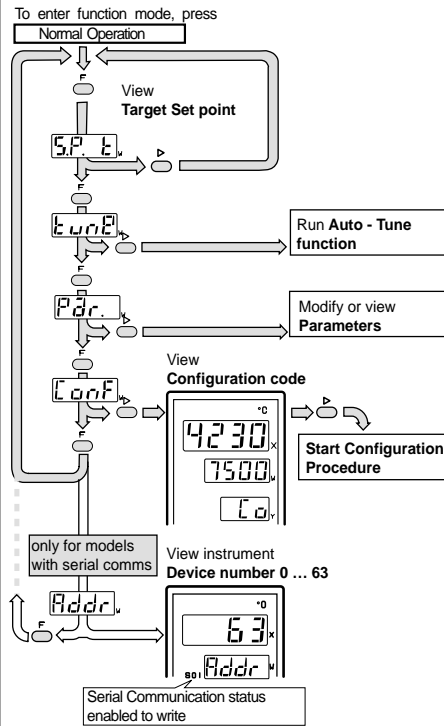
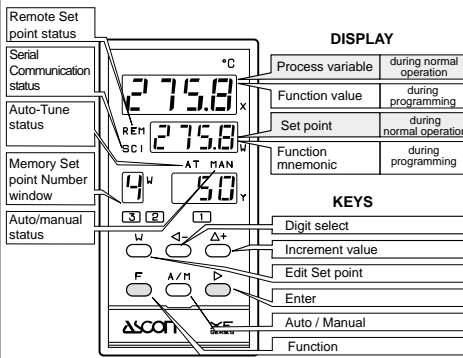


8 • OPERATING INSTRUCTIONS • XF SERIES CONTROLLERS

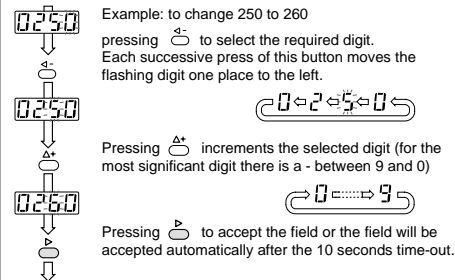
FUNCTIONS MENU



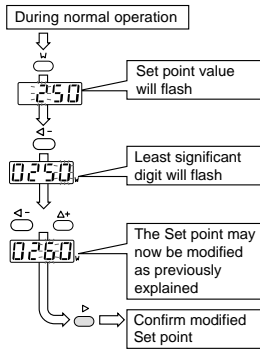
Note:
1 If **F** or **A/M** is not pressed within 10 seconds the instrument will time-out back to the process variable

MODIFICATION OF A NUMERIC FIELD

It is possible to modify any numeric field by changing each digit in turn.

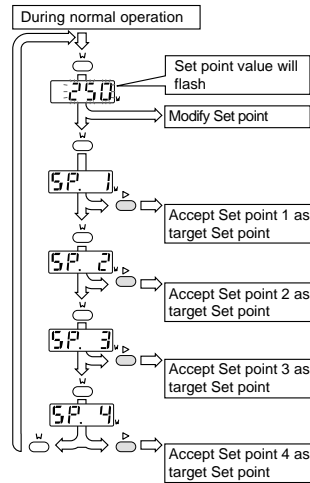


Modify Set Point



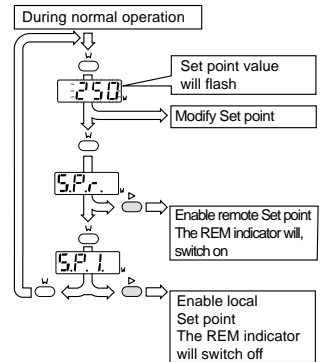
SET POINT

Procedure to recall a Set point from memory



Note:
The above Set points may be modified from the 1st group within the parameter menu.
The displayed Set point is only effective from when **F** is pressed.

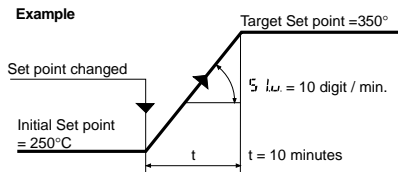
Local ↔ Remote



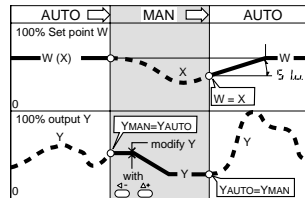
Note:
If a Remote Set point is selected, the instrument will store the Local Set point value shall be re-instated if the Local Set point mode is required

Note:
After the Set point has been modified the new target Set point will be reached after a period of time, depending upon the values entered in the SL_u (Slope up) and SL_d (Slope down) gradient parameters.
Whit Remote Set point we suggest, to set SL_u and/or SL_d to 0
The target Set point can be viewed at any time from the function menu.

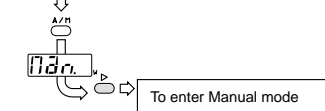
Example: **F** → **SP. 1**, Target Set point
If slope gradient is equal to zero there will be a step change



AUTO-MAN



From normal operation (Auto mode)



From normal operation (Manual mode)

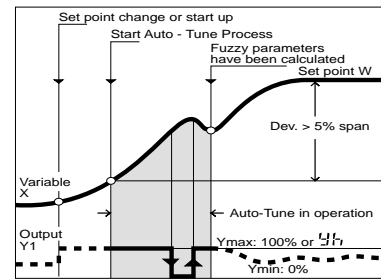


TUNING

Auto-tune should be used when the instrument is first installed to provide approximate values for the FUZZY algorithm.

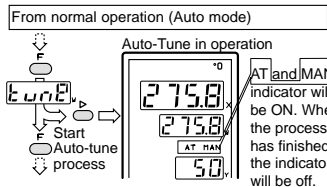
When the auto-tune cycle has been completed, the values for FUZZY ($FERR$; $FdPr$; $tSdr$) will be automatically entered.

It is possible to escape from the auto-tune procedure at any time by pressing any key.



The Auto-tune function is available if the following requirements are met:

1. Parameter $Rk_w = 1$
 2. The deviation > 5% span
- Auto-tune will function correctly:**
- if the X variable has to increase or decrease
 - if the heat/cool facility is selected the Auto-tune process will calculate the FUZZY parameters for both heat and cool.



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