

# DESUPER HEATING SYSTEM

TEMPERATURE CONTROL OF STEAM SUPPLY  
FOR PAD STEAMER

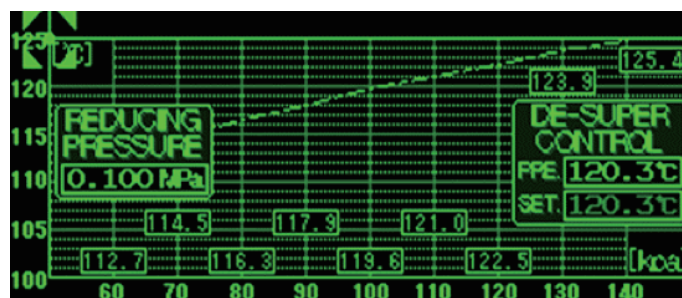
# How to Control Steam Supply

Basically, saturated steam which temperature is 102~103°C at 0.1Mpa must be supplied to pad steamer for stable dyeing process. Therefore, there are below points to supply stable saturated steam.

- Pressure of primary steam supply, 0.6Mpa, must be reduced into 0.1Mpa and it is called secondly steam. And temperature of the secondly steam rises up around 105 to 110°C that must be lowered by temperature control equipment.
- To control the temperature of the secondly steam and lower into 102°C, there is the steam control system which is equipped with water spray unit. The spray unit controls the temperature of the secondly steam as it evaporates.



Display for Current Condition & Adjustment of Steam Correction



Graph Display for steam pressure and temperature

