Test Print

- To check for image on the printer side by letting the copier produce various types of test pattern.
- The copier searches through the paper sources in the order of the 2nd Drawer, 3rd Drawer, 4th Drawer, and 1st Drawer for paper of the maximum size for printing.

Item	Purpose	Setting/Precautions
Gradation Pattern	To produce a gradation pattern. ✻ Used for checking gradation reproducibility.	• Select **SINGLE** (single copy) or MULTI (multi copy). • Select FEET or **HYPER**. • Select **Gradation** or Resolution. • Select the color mode. ✻ Black (4PC): Uses four colors. ✻ Black (1PC): Uses one color of black.
Halftone Pattern	To produce a solid halftone pattern. ✻ Used for checking uneven density and pitch noise.	• Select **SINGLE** (single copy) or MULTI (multi copy). • Select FEET or **HYPER**. • Select **Gradation** or Resolution. • Select the color mode. ✻ Black (4PC): Uses four colors. ✻ Black (1PC): Uses one color of black. • Type the density level (0 to 255).
Lattice Pattern	To produce a lattice pattern. ✻ Used for checking fine line reproducibility and uneven density. A reverse pattern is also used to check for fine line reproducibility of white letters on a solid background.	• Select **SINGLE** (single copy) or MULTI (multi copy). • Select **FEET** or HYPER. • Select the color mode. ✻ Black (4PC): Uses four colors. ✻ Black (1PC): Uses one color of black. • Enter CD width and FD width (0 to 191 dots). • Type the density level (0 to **255**). • Select **Normal** or Reverse.
Solid Pattern	To produce each of the C, M, Y, and Bk solid patterns. ✻ Used for checking reproducibility of image density.	• Select **SINGLE** (single copy) or MULTI (multi copy). • Select FEET or **HYPER**. • Select **Gradation** or Resolution. • Type the density level (0 to **255**).
Color Sample	To produce a color sample. ✻ Used for checking reproducibility of each of the different colors.	Select **SINGLE** (single copy) or MULTI (multi copy).

Item	Purpose	Setting/Precautions
8 Color Solid Pattern	To produce an 8-color solid pattern. ✻ Used for checking color reproducibility and uneven density of each color.	• Select **SINGLE** (single copy) or MULTI (multi copy). • Select FEET or **HYPER**. • Select **Gradation** or Resolution. • Type the density level (0 to **255**).
LPH Pattern	To produce an LPH pattern. ✻ Used for LPH chip-to-chip correction	• Select **SINGLE** (single copy) or MULTI (multi copy). • Select FEET or **HYPER**. • Select **Gradation** or Resolution. • Select to turn ON or **OFF** the Border Line.

Gradation Adjust

Purpose	Setting/Precautions
To correct gradation reproduction after the setup procedure has been completed or when color reproducibility is poor. ✻ The “Adj. Value” for “Max” and “Highlight” shown on the Gradation Adjust screen represents the degree of correction made to produce an output of an ideal image and “Conv. Value” represents the difference from an ideal image density. ✻ The image is more ideal when the “Conv. Value” is closer to 0.	• Press the Start key, which will let the copier produce a test pattern. Now. place the test pattern on the Original Glass. • Place ten blank sheets of A3 paper on the test pattern, lower the Original Cover, and press the Start key. • The copier then starts scanning the test pattern. On completing the scanning sequence, the copier displays the results of Gradation Adjust. • Repeat these steps two more times to let the copier carry out Gradation Adjust sequences a total of three times. • Select Gradation Adjust and check the data for “Conv. Value.” • Complete the adjustments if the values for “Max” fall within the range of 0 +/-100 and for “Highlight” within the range of 0 +/-60. If values fall outside the ranges, carry out Gradation Adjust once again. • If a total of four Gradation Adjust sequences do not bring the values into the specified ranges, check the image. • If the image is faulty, perform troubleshooting procedures for image problems.