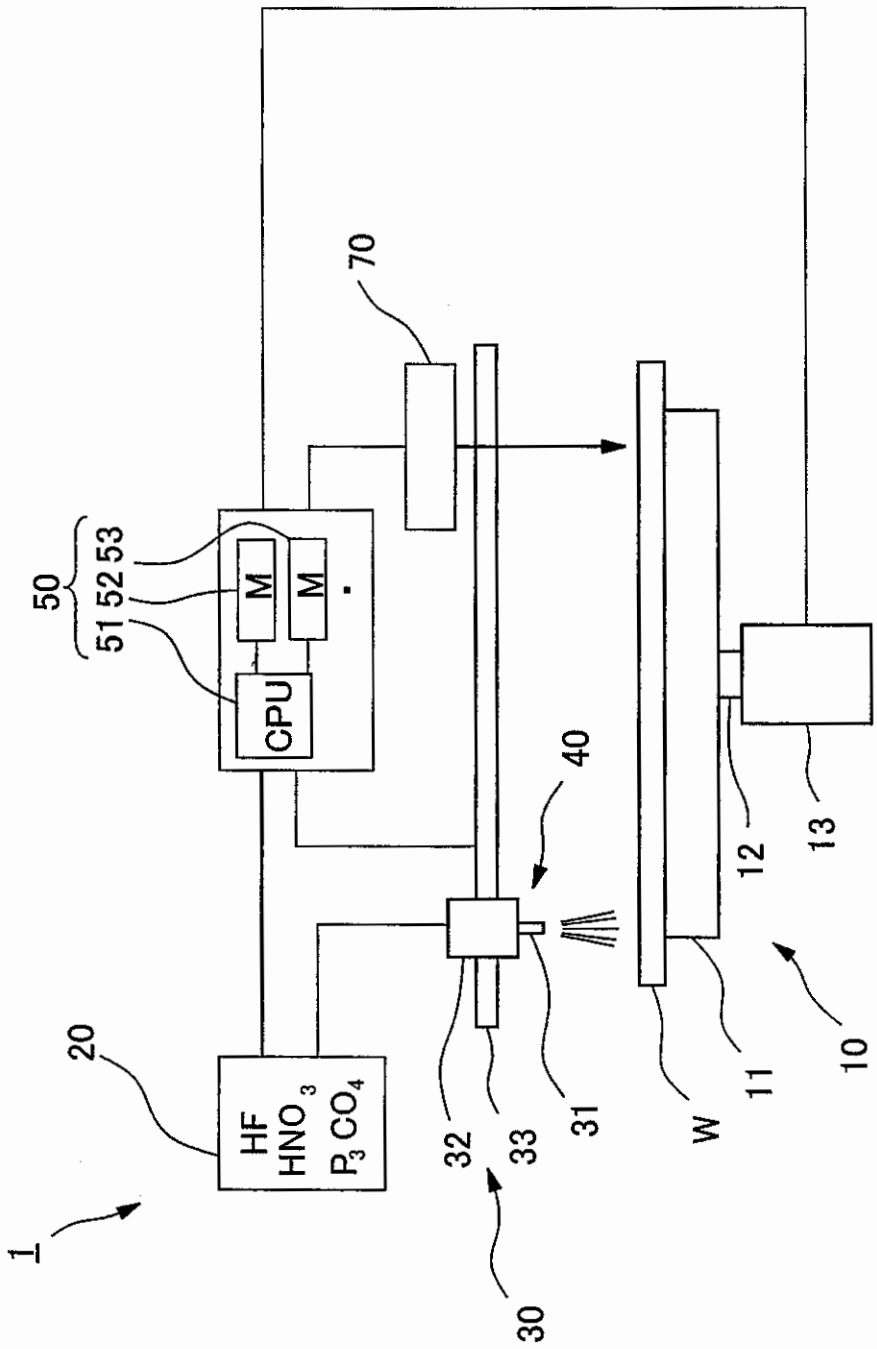
FIG. 1



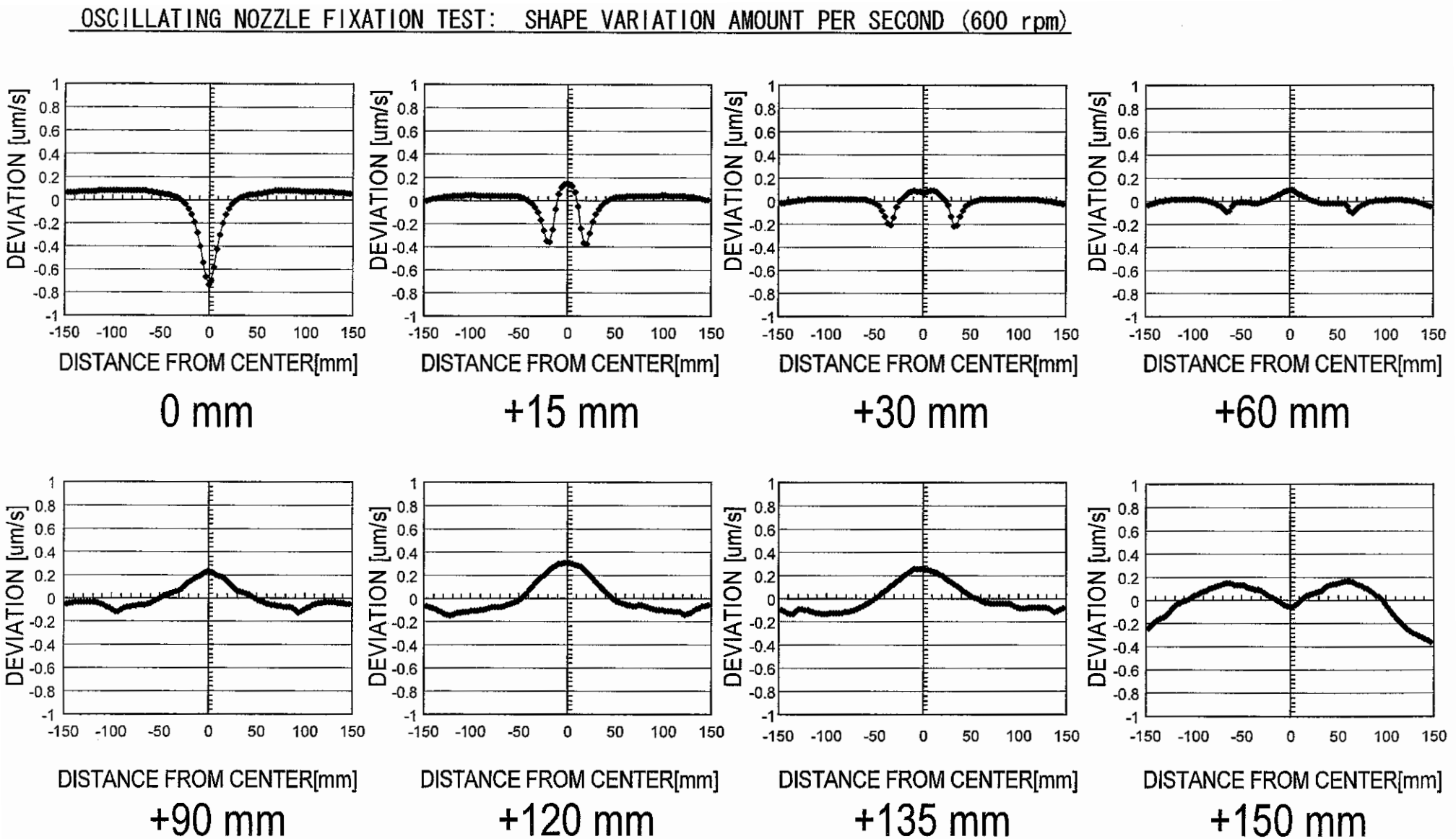
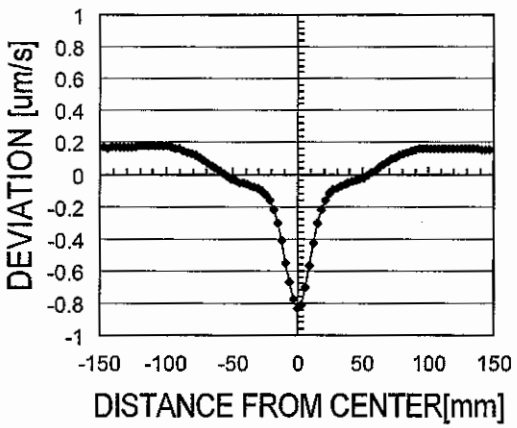
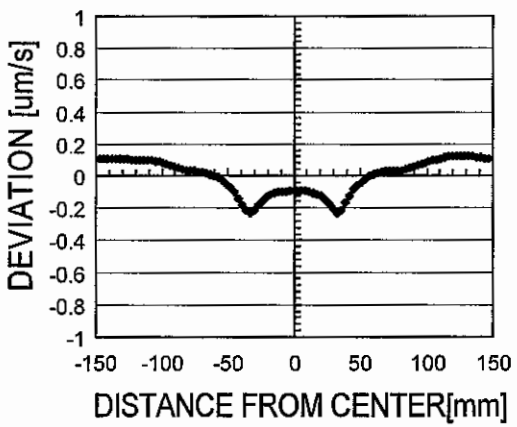

OSCILLATING NOZZLE FIXATION TEST: SHAPE VARIATION AMOUNT PER SECOND (600 rpm)
DEVIATION [um/s]
DISTANCE FROM CENTER[mm]
0 mm
+15 mm
+30 mm
+60 mm
+90 mm
+120 mm
+135 mm
+150 mm

FIG. 2

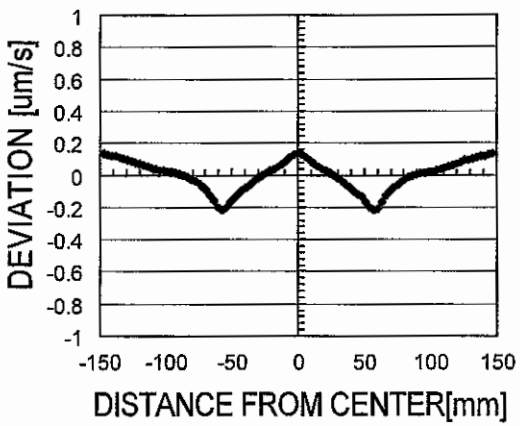
OSCILLATING NOZZLE FIXATION TEST: SHAPE VARIATION AMOUNT PER SECOND (100 rpm)



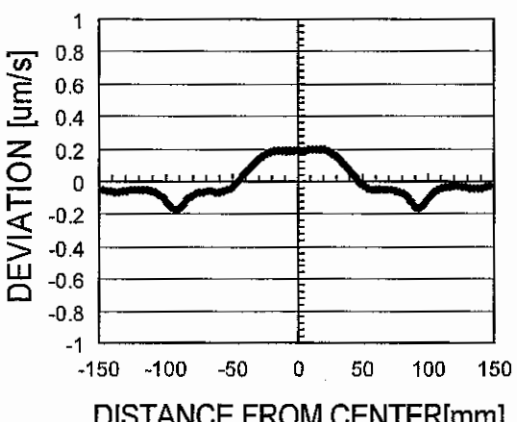
0 mm



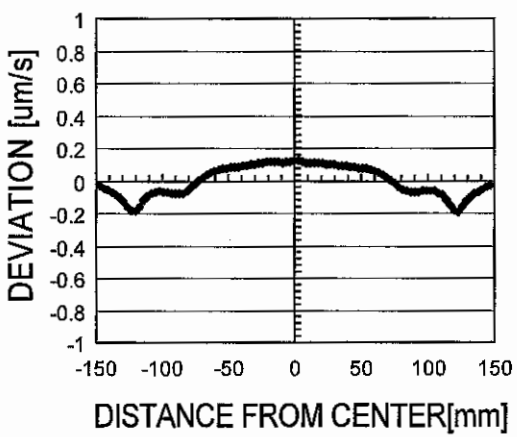
+30 mm



+60 mm



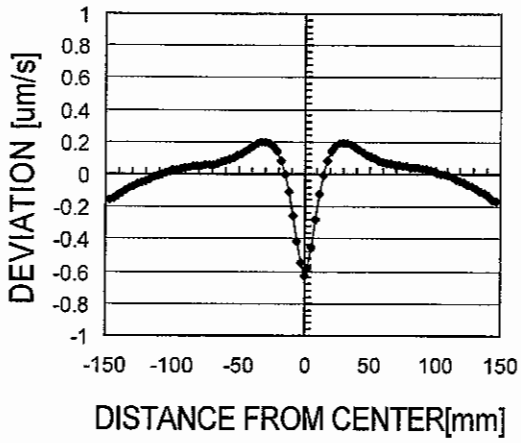
+90 mm



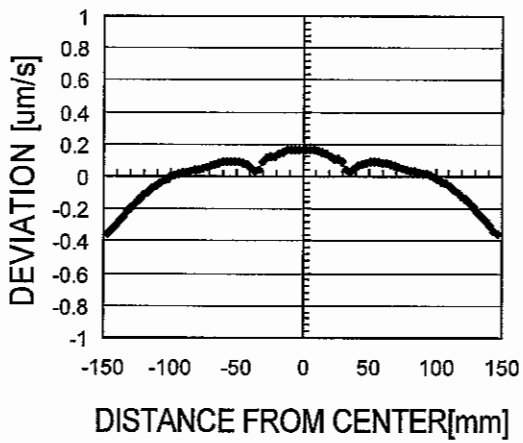
+120 mm

FIG. 3

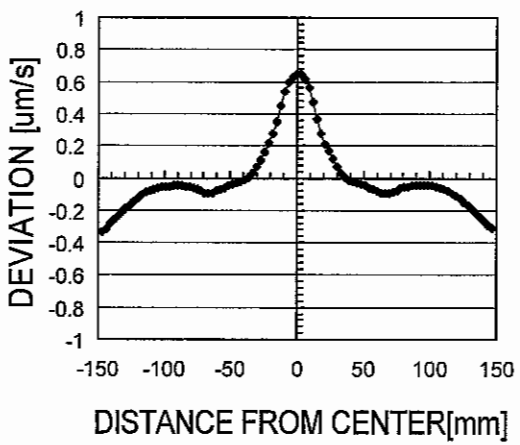
OSCILLATING NOZZLE FIXATION TEST: SHAPE VARIATION AMOUNT PER SECOND (1500 rpm)



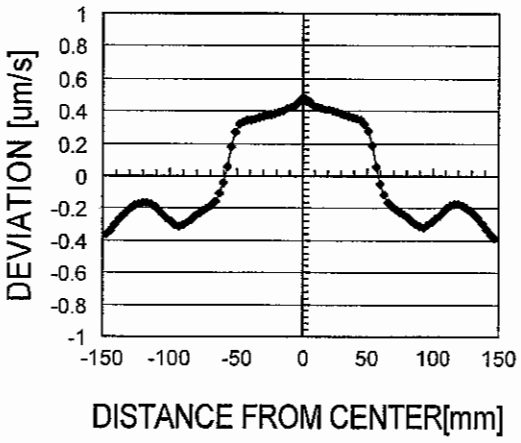
0 mm



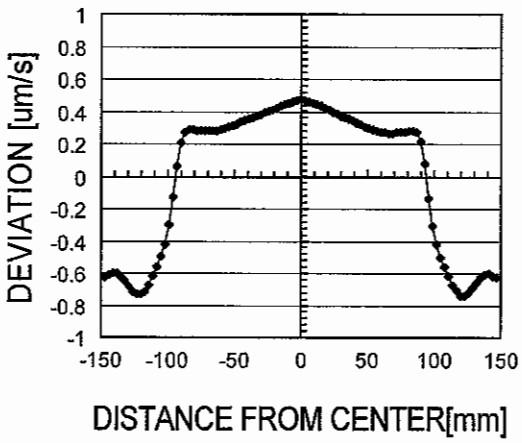
+30 mm



+60 mm



+90 mm



+120 mm

FIG. 4

FIG. 5A

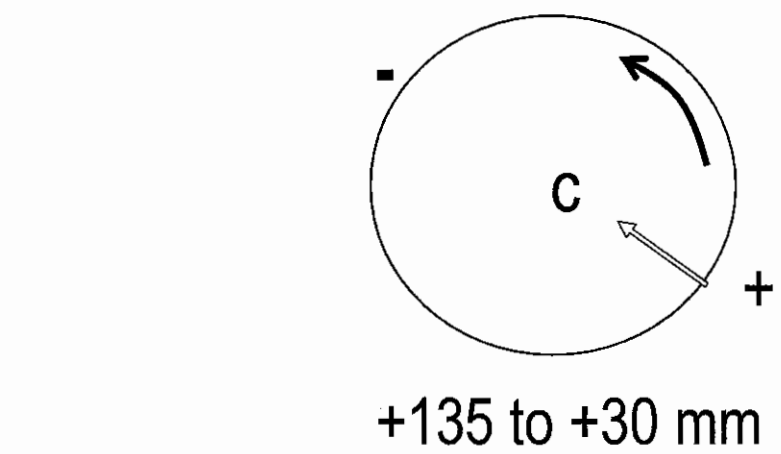

OSCILLATING NOZZLE FIXATION TEST: FORM PREDICTION OF NOZZLE MOVEMENT RECIPE
-
C
+
+135 to +30 mm

FIG. 5B

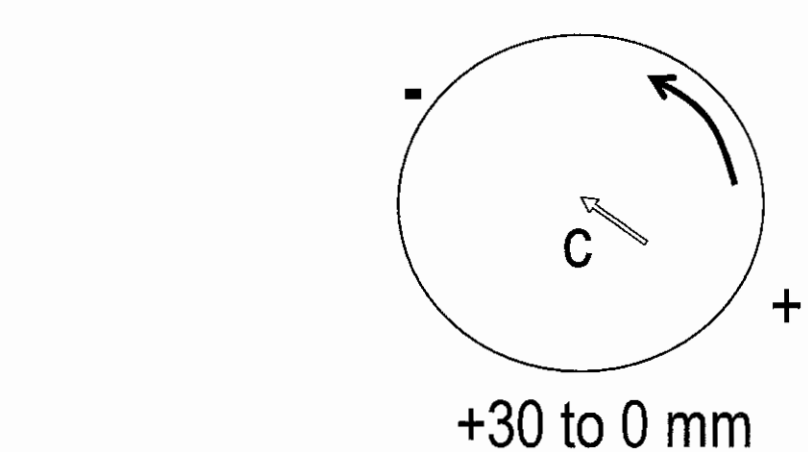
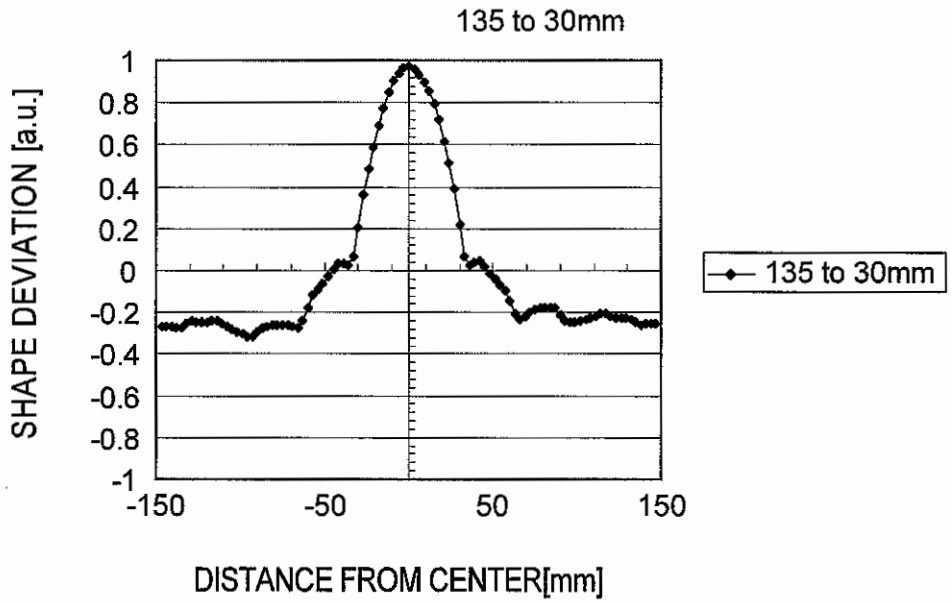

OSCILLATING NOZZLE FIXATION TEST: FORM PREDICTION OF NOZZLE MOVEMENT RECIPE
-
C
+
+30 to 0 mm

FIG. 6A

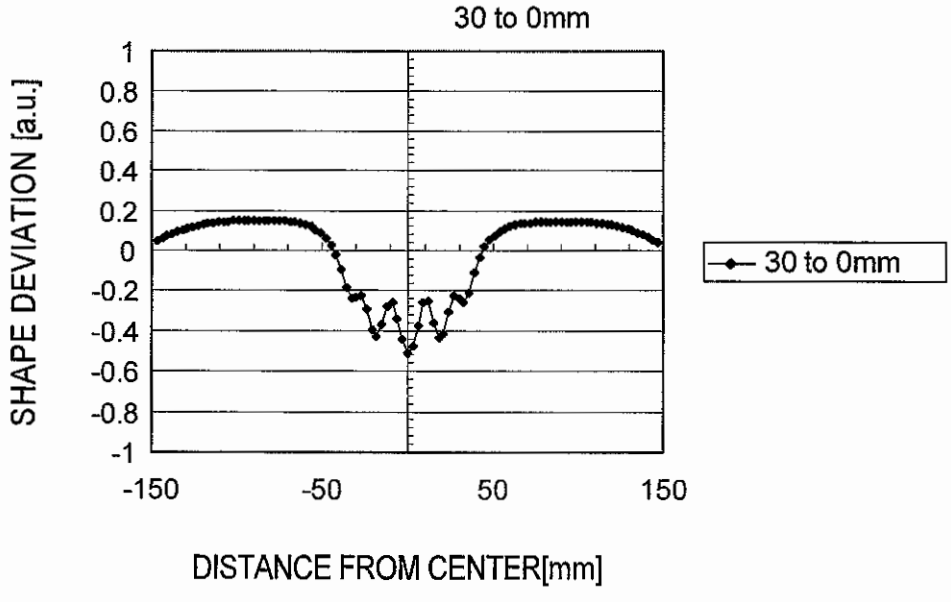
OSCILLATING NOZZLE FIXATION TEST: FORM PREDICTION OF NOZZLE MOVEMENT RECIPE



+135 to +30 mm

FIG. 6B

OSCILLATING NOZZLE FIXATION TEST: FORM PREDICTION OF NOZZLE MOVEMENT RECIPE



+30 to 0 mm