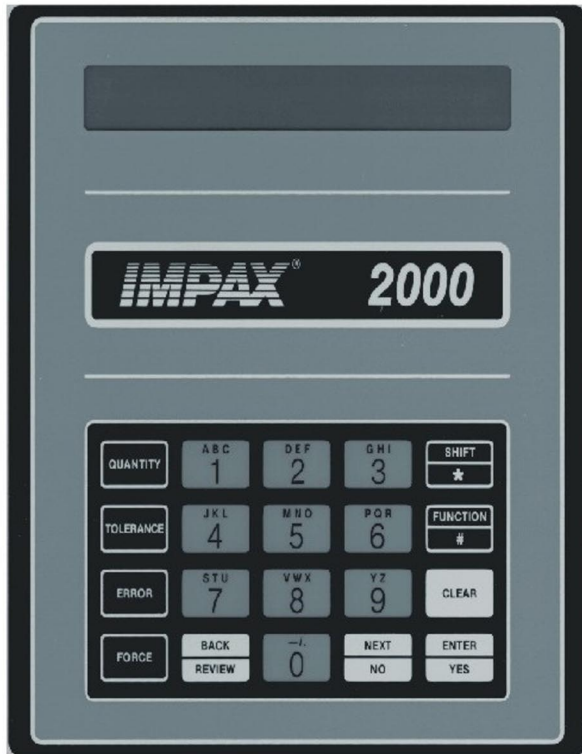## Control Console - Front Panel

Control Console

1) Message Display Panel
    - Shows information which is requested, or supplies prompts or questions during operation.
2) Data Entry Keyboard (Keypad)
    - Used to enter commands or information.
3) Locking keyswitch
    - Enables authorized users to program the unit.
    - Remove the key, IMPAX will only display information.
    - Insert the key and turn to the right, the buttons may be used to program the unit.

Setup and Operation

There are two necessary parameters that need to be entered to allow the IMPAX monitor to function:

1) Total number of parts to be made (max. 99,999,999).
2) Tolerance settings (Scale = 1-9). This dictates the force parameters and how the IMPAX will monitor the part. The higher this number, the wider the limits.

Setting up the IMPAX monitor for a new job may be done any time before beginning the job (requires the Supervisor's key). Before setting up a new job you must clear the old job.

FUNCTION BUTTONS ARE USED TO DISPLAY OR CHANGE PARAMETERS

Quantity: Displays number or parts made.
Tolerance: Displays tolerance settings for each station.
Error: Indicates when the machine was stopped by the IMPAX and gives reasons for the stop.
Force: Shows force measurements for each station, including average values and tolerance limits.

CONTROL BUTTONS ARE USED TO ENTER COMMANDS

Clear: Erases the display, or clears out certain machine settings.
  #:   Used for special functions.
Back/Review: Erases a digit entry or steps backward to a previous message.
Next (NO):   Advances display to following message or 'skips' entry.
Enter (YES): 'Locks-in' a data entry or executes displayed command.

### DATA BUTTONS ARE USED TO FILL IN NUMBERS AND CODES

Numbers: Used for entry of parts quantities and tolerance levels.
Asterisk *:   Used as a 'Shift' function.

MODES OF OPERATION

Stop   = Red light is on.
Test   = Yellow light is on. Parts are not counted. Adjustments to the machine can be made.
Learn   = Flashing green. The IMPAX is 'learning' the process.
Production = Green light is on. Machine has full protection.

NOTE: Older Satellite boxes have three lights.
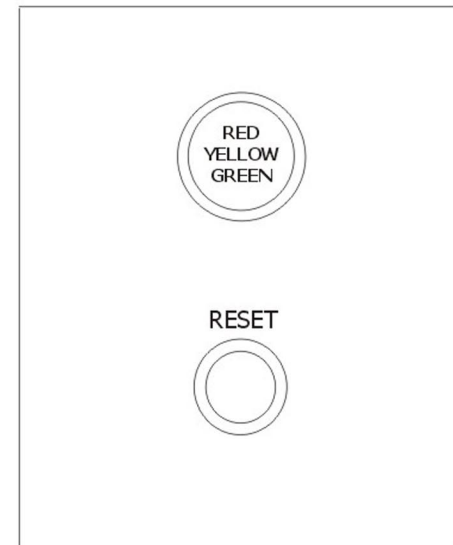
IMPAX SETUP AND OPERATION

CLEAR OUT THE OLD JOB
TURN KEY TO THE RIGHT

| CLEAR | SELECT TO CLEAR |

| QUANTITY | CLEAR SHIFT? |

| ENTER | SHIFT CLEARED CLEAR BREAK? |

| ENTER | BREAK CLEARED CLEAR PRODUCTION? |

| ENTER | PROD CLEARED |

TO CLEAR TOLERANCE SETTINGS

| CLEAR | SELECT TO CLEAR |

| TOLERANCE | CLEAR TOLERANCE? |

| ENTER | TOLERANCE CLEARED |

TO CLEAR ERROR RECORD

| CLEAR | SELECT TO CLEAR |

| ERROR | CLEAR ERRORS? |

| ENTER | ERRORS CLEARED |

TO DISPLAY ERRORS

| ERROR |

| NEXT |

| BACK |

REFER TO MANUAL FOR ERROR DEFINITIONS

ENTER NEW QUANTITIES
TURN KEY TO THE RIGHT

| QUANTITY | ENTER QUANTITY |

| XXXXXXX |

| ENTER | BREAK QUANTITY |

| XXXXXXX |

| ENTER |

SET NEW TOLERANCE LEVELS

| TOLERANCE | CHANNEL 1? (1-9) |

| X | 0 = OFF 1 = TIGHT 9 = WIDE |

| ENTER |

NOTE: IF EXCEPTIONS AND/OR NOFEEDS HAVE BEEN ACTIVATED IN THE MAIN PROGRAM, YOU WILL BE REQUIRED TO INPUT A NUMBER AFTER EACH TOLERANCE VALUE. SEE MANUAL FOR FURTHER INFORMATION.

TURN KEY TO THE UPRIGHT(OFF) POSITION

TO VIEW ITEMS

| QUANTITY |

| TOLERANCE |

| ERROR |

| FORCE |

PRESS NEXT OR BACK TO VIEW SELECTIONS