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## ATTACHMENT J

### OPERATIONAL DESCRIPTION OF TW-100 TRANSCIVER

TW-100 is a device that transmits the key data value and displays the received weighing data which received from outside by using the FSK(Frequency Shift Keying) method.

It consists of WATCH DOG(U2) which produces reset signal of MPU(U6), EEPROM(U1) which saves the weighing data, U12 which has a function of CLOCK of Date and Time, display driver(U5) which displays in the LCD screen and RF PART which has a function of communication by using FSK(Frequency Shift Keying) method.

The following description is about the simple operation.

When the power is on by POWER ON SWITCH then MPU(IC1) of RF Part sets the Channel SET(JP1) as the frequency by which it becomes receiving mode after setting the PLL of RFB.

When the data is received from the outside, this is moved into MPU(U6) which it transmits the present key data value into RF Part. Then RF Part is converted into receiving mode. It is again converted into receiving mode after transmitting key data value with the method of FSK.