

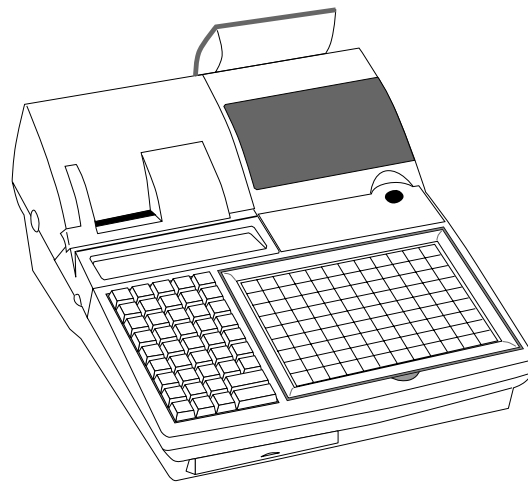
# SERVICE MANUAL

(without price)

ELECTRONIC CASH REGISTER

**TK-7000** (EX-575B\*)

**FEB. 2000**



Printer Model : M-U420-071

**CASIO®**

## CONTENTS

TK-7000	Page
1. SPECIFICATIONS .....	1
2. INITIALIZE (MAC) OPERATION .....	4
3. F-INIT (FMAC) OPERATION .....	4
4. BLOCK DIAGRAM .....	5
5. TO OPEN THE UPPER CASE .....	7
6. CIRCUIT EXPLANATION .....	9
6-1. Power supply circuit .....	9
6-2. Reset and power down circuit .....	10
6-3. CPU description .....	11
6-4. Memory chip selection circuit .....	13
6-5. Flash ROM1 address circuit .....	14
6-6. Flash ROM2 circuit .....	14
6-7. Flash Pack circuit (Memory Cassette RAC-9) .....	15
6-8. Memory map .....	16
6-9. Printer drive circuit .....	17
6-10. RS232C port COM1 circuit .....	17
6-11. RS232C port COM2 and COM3 circuit .....	18
6-12. Keyboard selection switch .....	19
6-13. To mount optional circuit .....	19
1) Clerk key circuit .....	19
2) Multi-drawer circuit .....	21
3) Paper near end sensor circuit .....	22
6-14. Display controller uPD78015FGC526-AB8 .....	23
6-15. Segment display driver uPD16312GB-3B4 .....	24
6-16. DC/DC convertor circuit .....	25
6-17. ARCNET circuit (IO-PB14) .....	25
7. DIAGNOSTIC OPERATION .....	31
7-1. To start the diagnostic program .....	31
7-2. Check item .....	31
7-3. Operation of each test .....	31
7-4. Switch status test .....	32
7-5. Individual function test .....	33
7-6. To exit the diagnostic mode .....	49
8. ERROR CODE LIST .....	50
9. IC DATA .....	53
10. PCB LAYOUT .....	67
11. CIRCUIT DIAGRAM .....	69
12. PARTS LIST .....	93

[Click here to download the full manual at THE-CHECKOUT-TECH.COM](http://THE-CHECKOUT-TECH.COM)