

## CHAPTER 2. SPECIFICATION

### 2-1. TECHNICAL SPECIFICATION

Available currencies	EURO, USD, LOCAL (OPTION)		
Dimension(mm)	330(W)X350(D)X370(H)	Display	4.1inch Graphic LCD
Weight	Approx. 16Kg	Denomination Detection	Full Line Image Sensor
Countable Notes Size	60X90mm~100X180mm	Counterfeit Detection	UV,FL,MG,IR
Countable Note Thickness	0.08~0.12mm	Speed	Denomination count 1000notes/min
Hopper Capacity	300notes(circulated notes)		Piece count Max.1500notes/min
Pockets	1pocket and 1reject	Feed System	Roller friction system
Main Pocket Capacity	200notes(circulated notes)	Power supply	100~240V AC, 50/60Hz
Reject Pocket Capacity	Max.90notes (circulated notes)	Power consumption	Max.110 Watts

### ♣ OPTIONS

Local Currency	Max.2 currency	IR Detection	Full Line IR Sensor
External Display	LCD type for customer	Bill Printout	With RS232C Interface for PC and external printer, Print user name
Serial Number Recognition	Max.400notes/min		
Serial Number Manager Software	For saving and converting OCR the serial number in PC	Upgrade Kit	For upgrade the machine
Discriminational Function	Discriminate between old and new	Real Time Clock	For Local time printout

## 2-2. ELECTRICAL CHARACTERISTICS

♣ Ratings : AC 100~240V, 50/60Hz

fuse #	Irated (A)	U (V)	P (W)	I (mA)	Ifuse (mA)	condition/status
F1	-	180	91,8	0,51	0,51	Maximum normal operation/50 Hz
F1	0,8	200	78,0	0,39	0,39	
F1	0,8	240	81,6	0,34	0,34	
F1	-	254	94,0	0,37	0,37	
F1	-	90	80,1	0,89	0,89	Maximum normal operation/60 Hz
F1	1,6	100	81,0	0,81	0,81	
F1	1,6	120	80,4	0,67	0,67	
F1	-	127	81,3	0,64	0,64	
F1	0,8	200	38,0	0,19	0,19	Stand-by mode / 50 Hz
F1	0,8	240	38,4	0,16	0,16	
F1	1,6	100	31,0	0,31	0,31	Stand-by mode / 60 Hz
F1	1,6	120	34,8	0,29	0,29	

## 2-3. THE ENVIRONMENT CONDITION

The machine will run its best when stored and operated in an environment that meets the following temperature and humidity conditions.

Operating temperature	5℃ to 40℃
Storage temperature	-15℃ to 60℃
Shipping temperature	-40℃ to 70℃
Relative Humidity	Operating : 30 to 70% RH (non-condensing) Storage : 20 to 85% RH (non-condensing) Shipping : 5 to 90% RH ( non-condensing)

## 2-4. CERTIFICATION

Europe	CE marking, TÜV/GS:EN60950-1 ; 2001
National	CB-scheme : IEC 60950-1 ; 2001
China	CCC : GB9254-1998(2005020912000155)
Australia	Safety

## 2-5. PART SPECIFICATION

### SMPS(DHI110-B7H)

#### Input specification

Rated input voltage: 85 to 264VAC  
 Frequency: 47 to 63 Hz  
 Rated input current: 2.4A (85VAC)  
 1.2A (170VAC)

#### Output specification

Output voltage: 24 V, 5V, 7VDC  
 Rated output current: 3.0 A (24V, 7VDC)  
 0.3~3.0 A (5VDC)  
 Rated output power: 60W

#### Dimensions and weight

Dimensions: 187X120X43(mm)

### DC MOTOR (HMP-4468-097A)

#### Performance Data

Input voltage: DC 24V

#### No Load

Speed: 4300R.P.M  
 Current: 0.2A

#### At Maximum Efficiency

Speed: 3610R.P.M  
 Current: 1.05A  
 Output: 15.4W

Life: 2000H

Weight: 360g

### SWING SELECTOR (KHA38H01A)

#### Specification

Swing angle: 20°  
 Change position: 10°  
 Input voltage: DC 24V  
 Wire wound resistance (at 20°C): 20Ω  
 Non electrification retention torque:  
 $215 \times 10^{-4} \text{ N} \cdot \text{m}$   
 Swing operation time: 10.5ms  
 Insulated class: E class  
 Weight: 65g