

AUTOMATIC CELL SORTING (OCV & IR) MACHINE

(With Barcode Scanner)

Device Parameters

Sorting Speed	80 ppm (upto 4500 cells / hour)
Equipment Up-Time	More than 95%
IR Test Range & Accuracy	80 mΩ, +/- 0.5% FS, Display Resolution 0.01 mΩ
Voltage Test Range & Accuracy	8V, +/- 0.05% FS, Display Resolution 0.01 MV
Voltage Repeatable Error	< 1 mV
Air Pressure	0.6Mpa
Input Power	AC220V / 50Hz 1KW



WITH BARCODE FUNCTION (Optional)

1 18650, 21700, 26650, 32700

Sorting Based on Pneumatic System **2**

3 Comes with inbuilt PC

11 CHANNELS



KEYENCE SCANNER



Mode	SR-1000W
Types	Wide-Filed Type
Sensor	CMOS Image Sensor
No of Pixel	1280x1024 Pixels
Light Source	High Intensity red LED
Pointer Light Source	High Intensity green LED
Rating Specification	Barcode, QR Code



HIOKI (BT3561)

[Resistance Measurement]

Range	300mΩ	3mΩ
Maximum display Value	310.00mΩ	3.1000mΩ
Resolution	10mΩ	100mΩ
Measurement Current	10mA	1mA
Measurement Current Frequency	1 KHz ± 0.2 Hz	
Accuracy	±0.5%rdg. ± 5dgt.	
Temperature Coefficient	(±0.5%rdg. ± 0.5dgt.) / °C	
Open-Circuit Voltage	7 Vpeak	

[Voltage Measurement]

Range	20V
Maximum display Value	+19.9999 V
Resolution	0.1mV
Accuracy	±0.01%rdg. ± 3dgt.
Temperature Coefficient	(±0.1%rdg. ± 0.3dgt.) / °C

AUTOMATIC CELL SORTING (OCV & IR) MACHINE

(With Barcode Scanner)

Device Parameters

Sorting Speed	80 ppm (upto 2000 cells / hour)
Equipment Up-Time	More than 95%
IR Test Range & Accuracy	80 mΩ, +/- 0.5% FS, Display Resolution 0.01 mΩ
Voltage Test Range & Accuracy	8V, +/- 0.05% FS, Display Resolution 0.01 MV
Voltage Repeatable Error	< 1 mV
Air Pressure	0.6Mpa
Input Power	AC220V / 50Hz 1KW



WITH BARCODE FUNCTION (Optional)

1 32135, 32138, 33140, 34189

Sorting Based on Pneumatic System **2**

3 Comes with inbuilt PC

5 CHANNELS



KEYENCE SCANNER



Mode	SR-1000W
Types	Wide-Filed Type
Sensor	CMOS Image Sensor
No of Pixel	1280x1024 Pixels
Light Source	High Intensity red LED
Pointer Light Source	High Intensity green LED
Rating Specification	Barcode, QR Code

[Resistance Measurement]

Range	300mΩ	3mΩ
Maximum display Value	310.00mΩ	3.1000mΩ
Resolution	10mΩ	100mΩ
Measurement Current	10mA	1mA
Measurement Current Frequency	1 KHz ± 0.2 Hz	
Accuracy	±0.5%rdg. ± 5dgt.	
Temperature Coefficient	(±0.5%rdg. ± 0.5dgt.) / °C	
Open-Circuit Voltage	7 Vpeak	

[Voltage Measurement]

Range	20V
Maximum display Value	+19.9999 V
Resolution	0.1mV
Accuracy	±0.01%rdg. ± 3dgt.
Temperature Coefficient	(±0.1%rdg. ± 0.3dgt.) / °C



HIOKI (BT3561)



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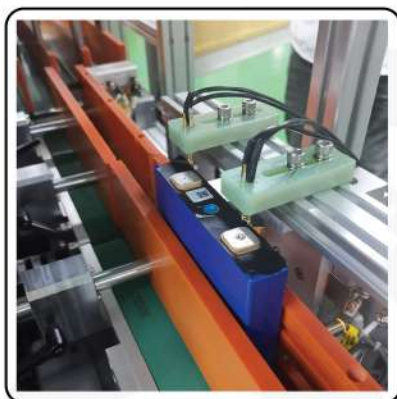
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AUTOMATIC PRISMATIC CELL SORTING MACHINE

(OCV & IR)

[MACHINE FEATURES]

- (1) Capacity: 400-600 Cells / Hour
- (2) Applicable power supply:
Ac 220V / 50 HZ
- (3) Overall Size: length, width, height =
3300mm 1100mm 1700mm
(reference size)
- (4) Compatible cell specifications:
Length 100-300bmm,
Thickness 20-60mm
Height 100-350mm
- (5) Adaptable air pressure:
0.5-0.8 MPa
- (6) Number of Channels:
10 Channels,
9 OK gears and 1 NG gear
- (7) Highest Accuracy and Stability
due to HIOKI IR tester- Made
in JAPAN
- (8) Loading and unloading method:
Manual



Equipped with original Japanese BT3562
HIOKI OCV & IR tester

Voltage Measurement Ranges:
upto 100 V

Resistance Measurement Ranges:
3 mΩ ~ 3kΩ



MANUAL CELL IR TESTER

CELL SORTING (OCV & IR) MACHINE (ALL SIZE)



Measurement Parameters	OCV & ACIR
Max. Voltage	60V, 100V, 300V, 1000V
Internal Resistance	From 1mΩ upto 3kΩ, +/- 0.5% Fs
Voltage	upto 1000V, +/- 0.01% FS
Interface	LAN, RS232 and Analog
Function	Contact Check, Average, Memory Storage etc



Measurement Parameters	OCV & DCIR
Max. Voltage	upto 60A
Internal Resistance	From 1mΩ upto 3kΩ, +/- 0.5% Fs
Voltage	upto 60V, +/- 0.1% FS
Interface	RS232 / RS485
Function	Comparator, Contact Check, etc



Measurement Parameters	OCV & DCIR (only for Cylindrical Cells)
Max. Voltage	upto 50A
Internal Resistance	From 1mΩ upto 3kΩ, +/- 0.5% Fs
Voltage	upto 60V, +/- 0.1% FS
Interface	NA
Function	Open Circuit Voltage & IR