

# Product Information Sheet

## 1. Objectives

This production information sheet is provided to identify locations of parts, materials, hazardous substances and compound substances in the product that is going to be disposed based on WEEE Directive ([2012/19/EU](#)), and to allow waste disposal facilities to dispose the product and to recycle the product in proper manner.

Product: Differential Refractive Index Detector Shodex RI-100 series  
 Product code: F4010101, F4010104, and F4010102  
 Point of Contact: SHOWA DENKO EUROPE GmbH Phone:+49(0)89/93 99 62-37 Fax:+49(0)89/93 99 62-50  
 E-MAIL:schultz@ sde.de <http://www.shodex.de/>

## 2. Disposal

Information of such product as components, major materials, hazardous substances, etc is listed in the next table.

- ★ *In order to promote recycling and other ecological activities, components that can be separated and/or disassembled from the product should be listed in this table. Note that the entry of component weight in the table is not essential.* ★
- ★ *Fill in the column, Remark with such statements as "Remove ○○ sheet before disassembly" and "Perform ○○ processing before disassembly".* ★

Component		Major material	Separation process is required or not.	Location where the material is used	How to dispose	Weight of component (Reference only)	Remark
Category	Sub-category						
Switching power supply unit		Electrolytic capacitor	○	Refer to Attached drawing ①.	Shall be disposed in compliance with Directive 2008/98/EC		25mm or more

## Product Information Sheet

Component		Major material	Separation process is required or not.	Location where the material is used	How to dispose	Weight of component (Reference only)	Remark
Category	Sub-category						
		Epoxy glass, and Other electronic component	○	Refer to Attached drawing ①.	ditto		The printed circuit board is greater than 10 cm <sup>2</sup>
		Aluminum, Ferrite, Composite, and Other electronic component	×		Shall be disposed in landfill after the removal from the body		
LCD unit	LCD unit	Liquid crystal material	○	Refer to Attached drawing ②.	Shall be disposed in compliance with Directive 2008/98/EC		LCD whose surface area is larger than 100cm <sup>2</sup>
	Fluorescent lamp (Backlight)		○	Refer to Attached drawing ③.	ditto		Parts such as backlight lamp that includes mercury
	Circuit board	Epoxy glass, and Other electronic component	○	Refer to Attached drawing ④.	ditto		The printed circuit board is greater than 10 cm <sup>2</sup>

## Product Information Sheet

Component		Major material	Separation process is required or not.	Location where the material is used	How to dispose	Weight of component (Reference only)	Remark
Category	Sub-category						
Keyboard		Epoxy glass Other electronic component	○	Refer to Attached drawing ⑥.	ditto		The printed circuit board is greater than 10 cm <sup>2</sup>
Cover		Iron	×		Material recycle		Shall be separated from other parts
Chassis							
Plastic panel		PBT (Polybutylene Terephthalate)	○×	Refer to Attached drawings ⑤.	Shall be disposed in compliance with Directive 2008/98/EC		Plastic containing brominated flame retardants.
Optical unit	Optical block	Aluminum	×	Refer to Attached drawing ⑦.	Material recycle		Shall remove all of the mounted components
	Optical unit cover	Stainless	×		ditto		ditto
	Plastic foam insulating material		×		Thermal recycle		

## Product Information Sheet

Component		Major material	Separation process is required or not.	Location where the material is used	How to dispose	Weight of component (Reference only)	Remark
Category	Sub-category						
Main Board unit		Epoxy glass Other electronic component	○	Refer to Attached drawing ⑧.	Shall be disposed in compliance with Directive 2008/98/EC		The printed circuit board is greater than 10 cm <sup>2</sup>
A/D-D/A Board unit				Refer to Attached drawing ⑨.			
Output board				Refer to Attached drawing ⑩.			
Pre Amplifier Board				Refer to Attached drawing ⑦.			
Heater Assembly	Circuit board	Epoxy glass, and Other electronic component	○	Refer to Attached drawing ⑦.	ditto		ditto
	stationary plate	Aluminum	×	Refer to Attached drawing ⑦.	Material recycle		Shall remove all of the mounted components
Power cable		Copper PVC	○	Refer to Attached drawings ⑪ and ⑫.	Shall be disposed in compliance with Directive 2008/98/EC		External electric cables.
Signal cable							

## Product Information Sheet

Component		Major material	Separation process is required or not.	Location where the material is used	How to dispose	Weight of component (Reference only)	Remark
Category	Sub-category						
Other removable parts		Stainless, Optical glass, Epoxy glass, and Electronic component	×		Shall be disposed in landfill after the removal from the body		

- 1) The symbol, "○" used in the column "Separation process is required or not" indicates that the part shall be subjected to the process stipulated in WEEE Directive (2012/19/EU) Annex VII. The symbol, "×" is to show that the part shall be subjected to the separation process.
- 2) Location of each component is indicated in Attached drawing-1.

### 3) Remark

- Part to be processed in accordance with WEEE Annex VII Article 8 (2) is indicated in this Remark column.

### 3. Record and Report

The followings shall be recorded after receiving and disposing our waste product. In addition, contents of the record shall be reported once a year.

- Number of received waste product and of disposed product
- Client of disposal (Who asked to dispose the product)
- Type/Kind of waste product

# Product Information Sheet

★ Attach drawing and/or photo showing locations where component and/or hazardous substances are used. ★

