
About “Warnings and Cautions”

"Warnings and Cautions" contain important information about using the TDK product safely.

The safety labels affixed to your TDK product come in two different designs. Please check your labels and refer to an appropriate document as specified below.

● We take "DO NOT TOUCH" labels as an example. Note the difference of the following two safety labels.

1. DO NOT TOUCH



Customers in the United States will receive TDK products with the labels in the above design, and are requested to refer to A-2 ~ A-4 page.

2. DO NOT TOUCH



Customers outside the United States will receive TDK products with the labels in the above design, and are requested to refer to A-5 ~ A-7page.

Warnings and Cautions



Proper operation and scheduled maintenance is essential to ensure the safe use of TDK products. Read this section carefully and understand "Warnings and Cautions" before beginning operation or maintenance.

Safety labels in a following format are affixed on the TDK products.

Safety label example



WARNING and **CAUTION** are two signal words that are used to warn of potential hazards related to operators and machines.

Signal words	
	The word message under WARNING indicates a potentially hazardous situation which, if not followed, could result in death or serious injury.
	The word message under CAUTION indicates a potentially hazardous situation which, if not followed, may cause injury or property damage.

Product safety labels and safety symbols




A product safety label contains a safety symbol.

Safety symbols are shown in the next page with their respective meanings.


Pay attention to the meaning and follow the instructions given in the message.

Safety Label Precautions

WARNING

Symbols		
	HIGH VOLTAGE	High voltage area. Do not touch. Touching this area may result in electric shock or electrocution.
	DO NOT TOUCH	Moving parts inside. Keep hands out of machinery during operation. Touching moving parts may result in injury.
	LASER OPERATING	Laser beam radiation. Protect eyes and skin from beam. Direct radiation will cause severe burns or even result in death.

CAUTION

Symbols		
	HOT	Hot surface. Do not touch where this label is placed. Touching this area may result in severe burns.

General Safety Precautions




CAUTION

- Follow the documents that come with the product(s) (e.g. OPERATION MANUAL, MAINTENANCE MANUAL, ENGINEERING MANUAL) to operate and maintain machinery.
- When restarting a machine after a halt, call attention of other person(s) around to warn that the machine is about to restart. If the machine gets started without previous warning, this may startle a person and lead to personal injury.
- Do not operate the machine with the covers removed and/or doors opened. Removed covers and open doors disclose moving parts and allow easy access to them. Accidental contact with these parts can lead to personal injury.
- Wear designated safety boots to protect your feet from injury. Do not wear other types of shoes, slippers or sandals. You may be injured due to falling objects.
- Never operate with wet hands. You may get an electric shock.
- Do not wear gloves when operating. Parts of the gloves can be caught into the machine, resulting personal injury.
- Turn off the power before opening covers or doors. You may get an electric shock.

To Customer in the United States

- Do not place any tools or chemicals on top of machinery. Such objects may fall and cause injuries or property damage, which could cripple normal machine operation.
- Do not climb on top of machinery. You may fall and suffer injuries.

Labels for Machinery Operation

Symbols		
	LUBRICATE	Lubricate periodically where this label is placed. (See the MAINTENANCE RECORD.) Insufficient lubrication may cripple normal machine operation.
	DO NOT LUBRICATE	Do not lubricate where this label is placed. Lubrication may cripple normal machine operation.
	NO AIR GUN	Do not use an air gun where this label is placed. Use of an air gun may cripple normal machine operation

General Precautions in Machinery Use

Maintenance

- Carry out maintenance as instructed in the MAINTENANCE RECORD.
(TDK servicing for scheduled yearly maintenance is also recommended.)
- Turn off the power before connecting any optional devices. Connecting devices without turning off the power may result in crippling normal machine operation.
- Do not repair, disassemble or modify machines unless otherwise stated in the MAINTENANCE MANUAL.
This may result in crippling normal machine operation.
- If the machine fails to function properly or needs attention, refer to the MAINTENANCE MANUAL to solve the problem. Contact TDK if the problem continues.

Equipment installation

- Protect electrical devices (including the control box, motors, switches and CRT) from water, oil and chemicals. They can damage the electronics and cripple normal machine operation. This may even lead to a cause of a fire.
- Protect power and communication cables from being placed under something. If cables must run across the working area, provide sufficient protective covering over the cables.
- If you must relocate the machine, contact TDK before moving it.
- Refer to the SPECIFICATIONS FOR APPROVAL for your machine installation environment.

Disposal

- Lead soldering is used in the product. Comply with the laws and regulations for product disposal in your area.

Warnings and Cautions

Proper operation and scheduled maintenance is essential to ensure the safe use of TDK products. Read this section carefully and understand "Warnings and Cautions" before beginning operation or maintenance.



Safety labels in a following format are affixed on the TDK products.

Safety label example



● **WARNING and CAUTION are two signal words that are used to warn of potential hazards related to operators and machines.**




● **Product safety labels and safety symbols A product safety label contains a safety symbol.**

Signal words	
 WARNING	The word message under WARNING indicates a potentially hazardous situation which, if not followed, could result in death or serious injury.
 CAUTION	The word message under CAUTION indicates a potentially hazardous situation which, if not followed, may cause injury or property damage.


Safety symbols are shown in the next page with their respective meanings. Pay attention to the meaning and follow the instructions given in the message.

Safety Label Precautions

WARNING

Symbols		
	HIGH VOLTAGE	High voltage area. Do not touch. Touching this area may result in electric shock or electrocution.
	DO NOT TOUCH	Moving parts inside. Keep hands out of machinery during operation. Touching moving parts may result in injury.
	LASER OPERATING	Laser beam radiation. Protect eyes and skin from beam. Direct radiation will cause severe burns or even result in death.




CAUTION

Symbols		
	HOT	Hot surface. Do not touch where this label is placed. Touching this area may result in severe burns.

General Safety Precautions

- Follow the documents that come with the product(s) (e.g. OPERATION MANUAL, MAINTENANCE MANUAL, ENGINEERING MANUAL) to operate and maintain machinery.
- When restarting a machine after a halt, call attention of other person(s) around to warn that the machine is about to restart. If the machine gets started without previous warning, this may startle a person and lead to personal injury.
- Do not operate the machine with the covers removed and/or doors opened. Removed covers and open doors disclose moving parts and allow easy access to them. Accidental contact with these parts can lead to personal injury.
- Wear designated safety boots to protect your feet from injury. Do not wear other types of shoes, slippers or sandals. You may be injured due to falling objects.
- Never operate with wet hands. You may get an electric shock.
- Do not wear gloves when operating. Parts of the gloves can be caught into the machine, resulting personal injury.
- Turn off the power before opening covers or doors. You may get an electric shock.
- Do not place any tools or chemicals on top of machinery. Such objects may fall and cause injuries or property damage, which could cripple normal machine operation.
- Do not climb on top of machinery. You may fall and suffer injuries.

Labels for Machinery Operation

Symbols		
	LUBRICATE	Lubricate periodically where this label is placed. (See the MAINTENANCE RECORD.) Insufficient lubrication may cripple normal machine operation.
	DO NOT LUBRICATE	Do not lubricate where this label is placed. Lubrication may cripple normal machine operation.
	NO AIR GUN	Do not use an air gun where this label is placed. Use of an air gun may cripple normal machine operation

General Precautions in Machinery Use

Maintenance

- Carry out maintenance as instructed in the MAINTENANCE RECORD. (TDK servicing for scheduled yearly maintenance is also recommended.)
- Turn off the power before connecting any optional devices. Connecting devices without turning off the power may result in crippling normal machine operation.
- Do not repair, disassemble or modify machines unless otherwise stated in the MAINTENANCE MANUAL. This may result in crippling normal machine operation.
- If the machine fails to function properly or needs attention, refer to the MAINTENANCE MANUAL to solve the problem. Contact TDK if the problem continues.

Equipment installation

- Protect electrical devices (including the control box, motors, switches and CRT) from water, oil and chemicals. They can damage the electronics and cripple normal machine operation. This may even lead to a cause of a fire.
- Protect power and communication cables from being placed under something. If cables must run across the working area, provide sufficient protective covering over the cables.
- If you must relocate the machine, contact TDK before moving it.
- Refer to the SPECIFICATIONS FOR APPROVAL for your machine installation environment.

Disposal

- Lead soldering is used in the product. Comply with the laws and regulations for product disposal in your area.



有害物质名称及含量的标识格式

此信息根据[中国电器电子产品有害物质限制使用管理办法]及[SJ/T11364-2014 电子电器产品有害物质限制使用标识要求]所制作的。

TDK 品 名	AFM-1562	产品 重量(kg)	2000
---------	----------	-----------	------

部件 名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
G4661H02 晶圓台部	×	○	○	○	○	○
G4661H03 上推部	×	○	○	○	○	○
G4661H04 晶圓 X Y 台部	×	○	○	○	○	○
G4661H05 基板运输部	×	○	×	○	○	○
G4661H06 安裝台部	×	○	○	○	○	○
G4661H07 比较、放电部	×	○	○	○	○	○
G4661H09 供應頭部	×	○	○	○	○	○
G4661H10 安裝頭部	×	○	○	○	○	○
G4661H12 晶圓 L D 部	×	○	○	○	○	○
G4661H13 盖部	×	○	○	○	○	○
G4661H14 LD/ ULD部	×	○	○	○	○	○
G4661H15 清洗部	×	○	○	○	○	○
G4661H25 水暖部	×	○	○	○	○	○
G4288B12 晶圓 L D 部	×	○	○	○	○	○
G4288B25 水暖部	×	○	○	○	○	○
影像处理機器	×	○	○	○	○	○

本表格依据SJ/T 11364的规定编制。
○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572规定的限量要求以下。
×：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572规定的限量要求。
(企业可在此处、根据实际情况对上表中打“X”的技术原因进行进一步的说明。)

联络单位：
TDK株式会社
生产技术中心
质量保证课