




**Multi-Functional Heating Press**

Type: Combo machine-I  
 Power Rating:1250(± 5%)W  
 Input Rating:AC 220-230 V,50/60Hz  
 Specification of heater:290x380mm MAX  
 Type of guards against electricity:1  
 Serial Number:





 Photo USA Electronic Graphic Inc.  
 Made In China


 Caution:This mug press must use the three core Plugs with earth protection and the switches with leakage protection

**Arc Mug Press**

Type: BJ 900  
 Power Rating:350W  
 Input Rating: AC 220V 50/60Hz  
 Type of guards against electricity:1  
 Serial Number:





 Photo USA Electronic Graphic Inc.  
 Made In China


 Caution:This mug press must use the three core Plugs with earth protection and the switches with leakage protection


**Mug Press**


Type:BJ890  
 Power Rating:350W  
 Input Rating:AC 220-240 V,50/60Hz  
 Type of guards against electricity:1  
 Serial Number:




 Photo USA Electronic Graphic Inc.  
 Made In China

 Caution:This mug press must use the three core Plugs with earth protection and the switches with leakage protection

 **CAUTION!**  
 To provide continued protection against risk of electric shock, connect to properly grounded outlets only.

 **WARNING!**  
 To reduce the risk of electric shock and Injury to persons, disconnect from power supply before servicing

 **CAUTION!**  
 Must cut off electricity before replacing the different heat parts. Don't take off the heat parts from the mainframe until loose and pull out cable plugs!

**Mug Press**

Type: BJ880  
 Power Rating:350W  
 Input Rating:AC 110-120 V,50/60Hz  
 Type of guards against electricity:1



 Photo USA Electronic Graphic Inc.  
 Made In China

 Caution:This mug press must use the three core Plugs with earth protection and the switches with leakage protection

**Mug Press**

Type: BJ890  
 Power Rating:350W  
 Input Rating:AC 110 V,50Hz  
 Type of guards against electricity:1




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 Made In China


 Caution:This mug press must use the three core Plugs with earth protection and the switches with leakage protection


**WARNING! - CAUTION!**

 Note:This device must be operated by one professional operator only! Keep hands clear from moving parts! Hot Surface! Don't touch Heater during operation! Remove from power supply when swapping/changing Heaters or servicing to avoid electrical shock!



**CAUTION!**  
 Hot surface. Avoid contact!  
 High pressure. Avoid squeezed!

 **WARNING**  
 Hand crush and burn hazard. Keep hands clear of moving parts.



## SAFETY PRECAUTIONS

The precautions noted within this guide are intended to instruct you in the safe and correct use of the products and to prevent injuries or damage to yourself, other persons and property. Please read and ensure that you understand them before proceeding to other sections of the guide.



### WARNING!

This symbol indicates topics that could lead to death or serious injury if ignored or handled incorrectly.

### Disclaimer

- While every effort has been made to ensure that the information contained in this guide is accurate and complete, no liability can be accepted for any errors or omissions. PHOTO USA ELECTRONIC GRAPHIC INC. ("PHOTO USA") reserves the right to change the specifications of the hardware described herein at any time without prior notice.
- No part of this guide may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form, by any means, without the prior written permission of PHOTO USA.
- PHOTO USA makes no warranties for damages resulting from a mistaken operation or malfunction of the machine.

### LIMITED WARRANTY AND LIMITATION OF LIABILITY

- It is your responsibility to choose, maintain and match the hardware of your heating machine. Thus PHOTO USA does not guarantee uninterrupted service or correction of errors or that the functions or performance of the machine will meet your requirements.

This is a complete package of the following machine models. If you cannot find your model within this manual please contact us immediately.

Mug Press: BJ900 ARC Mug Press/BJ880 Mini Mug Press/BJ890 Multi-Functional Mug Press/BJ850 Mug Press

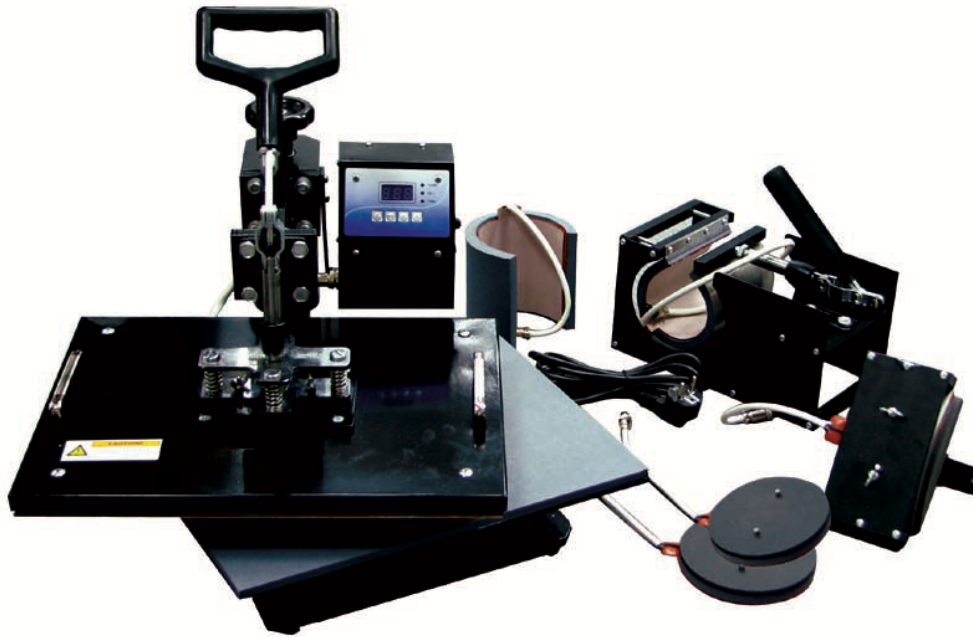
Plate Press: Mini Plate Press

Multi-Functional Heating Press: 6-in-1 Machine/8-in-1 Machine

# User Manual for Multi-functional Press Series

**8-in-1**  
**MHP**

## Multi-functional Heat Press (with 8 heaters)



Item No.: 111300 (220V) / 111301 (110V)

Name: MHP 8 in 1

Description: Multi-functional Heat Press (with 8 heaters)

Certificate: CE Approved

Remember the item number will help you easy to place order.

### Characteristics

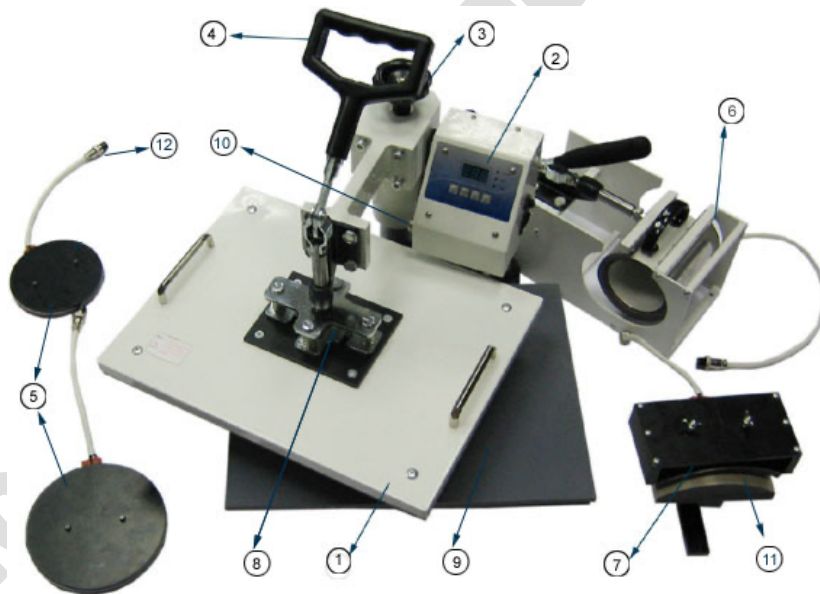
- 8 heaters: Tile heater, Cap Press, straight body Mug Press x 2, Cone shape mug press x 2, Plate Press x 2.
- Digital integrated circuit, artificial intelligence, combined control of temperature and time.
- Medium size which can be loaded into car and truck to carry away.
- Digital LCD board, easy to read and control accurately. Soft keys are easy to touch and control, which makes it more convenient for adjustment.
- Time setting for intelligent control for the constant temperature.
- The high-resistant silicon rubber can adjust the general pressure, avoiding the distortion of objects even when achieve at 430°F(221°C).

- Heat preservation to shorten the time for next-time warming up.
- The heating board and calefaction board are integrated, which is safer, more durable and balanced when heating.
- The machine can work continuously, but the power supply should be cut off when the machine is idle.

## ● Technical Parameters

● <i>Rated Input Voltage:</i>	<i>220-230Volt ampere, 50/60 HZ Max</i>
● <i>Rated Input Voltage:</i>	<i>110-120Volt ampere, 60 HZ Max</i>
● <i>Rated Input power:</i>	<i>1250 W</i>
● <i>Range of temperature:</i>	<i>0~430°F</i>
● <i>Range of time control:</i>	<i>0~999 seconds</i>
● <i>Range of initiative temperature setting:</i>	<i>200~380°F</i>
● <i>Range of the highest temperature setting:</i>	<i>200~430°F</i>
● <i>Heater Specification:</i>	<i>Straight Mug Heater 243x115mm, 206x115mm</i>
	<i>Cone Shape Mug Heater 12oz and 17oz</i>
	<i>Plate Heater 120mm, 150mm diameter</i>
	<i>Flat Press 380x290mm</i>
	<i>Cap Press</i>

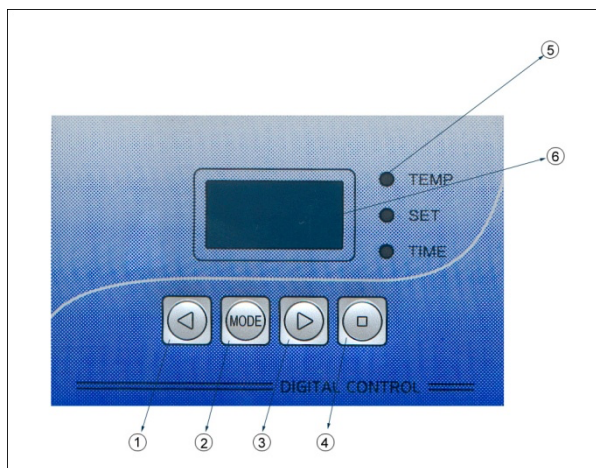
## ● Components and Functions



(Picture 1—whole Press)

- 
- 
- ① The Heating Board for flat material
- ② The Digital Manipulation Board
- ③ Swiveling Pressure Adjustment
- ④ Press Handle

- ⑤ Plate Press (different sizes)
- ⑦ Silicon mug heater for straight shape mug (2 sizes)
- ⑧ Silicon mug heater for latte shape mug (2 sizes)
- ⑨ Pressure Board (Cap Press)
- ⑪ Silicon Board
- ⑬ Cap Press Heater
- ⑥ Mug Press Accessory
- ⑩ Flute for putting the screw in
- ⑫ Faucet
- ⑭ Power Pin (connected to faucet)



(Picture 2—The Digital Manipulation Board)

- ① Minus      ② MODE      ③ Plus
- ④ Executive Key      ⑤ Indicative Light
- ⑥ Digital Board

## Basic Preparation before Using

1. Plug the three-core power line into the outlet, and check whether the power supply is in conformity with the rated voltage of the machine. There should be a reliable protective ground wire for the top core.
2. **Put in the object going to be shaped, close up the pressure handle and rotate the adjusting screw to get a proper pressure. Pay attention to the mug press because the pressure adjustment is a screw. (VERYIMPORTANT!)**
3. Turn on master power switch, and the instrument board will display the current temperature in red light in three seconds.
4. Set the temperature and time according to the operation methods of Digital Manipulation Board. Read the table below and get the specific corresponding temperature and timing setting.

Sublimation Object	Initial Heating Temperature (°F)	Highest Heating Temperature (°F)	Timing
Metal material	300	330~350	40s
Ornaments	300	330~350	240s
Tiles	300	330~350	240s-360s (based on the size of the tile)
Mouse pad	300	330~350	45s
T-shirt	300	330~350	40s
Pillow	300	330~350	60s
Puzzle	300	330~350	60s

Tie	300	330~350	25s
Lighter	300	330~350	300s
Ceramic/Stainless Steel/Aluminum Mugs	300	330~350	15s
Plate	300	330~350	30s
Thin cloth	300	330~350	15s

5. How to set the temperature and timing on the digital board:

- Press the **MODE** key once; see the middle indicative light turning red. Press the **PLUS** or **MINUS** key to set the **initial heating temperature**;
- Press the **MODE** key for the second time; see the first and second lights turning red; the same as the temperature setting, set the **highest heating temperature**.
- Press the **MODE** key for the third time; see the second and third lights turning red; the same as the temperature setting, set the proper heating timing.
- Press the **MODE** key for the fourth time; see all of the three lights turning off; the machine stands by to work.
- The initial heating temperature should be set between 250°F ~300°F; the highest heating temperature should be set between 310°F ~350°F; the timing should be set between 0~400 sec.

**PS:** When turn on for the first time, the machine will display the initial heating temperature is 340°F, and the highest temperature is 430°F. Please adjust it when you use it.

## Operation Steps:

### Flat Heat Press

#### Introduction

By using the tile heat press, one can transfer colorful logo, human image and scenery picture onto the tiles, ornaments and metallic board and so on, especially well for making medals, proxy certificates, advertisements, special shop brands, souvenir cards, gravestones images and individual T-shirts. Combining arts and practicality together, the printed objected can show your individualization.

#### Replacement


Take out the **Silicon board(11)**, and loosen the four screws in the first and third rows in the bottom, then put the **Silicon board(11)** onto it with four screws focusing on the right holes. Screw down, and the **Silicon board (11)** is done.

Loosen the two screws on the black magnetic part of the tile heat, and put it to the machine body through slipping the two screws into the flutes of the **Tile Heat board (1)**. Screw down. Attach the **Power pin (14)** to the **Faucet (14)** in the inner side of the **Manipulation Board (2)**. You have finished!

#### Operation

- Use the handle to pull up the **Tile heat board (1)** totally. Turn on the power switch and see the red **Indicative light (5,picture 2)**. The **Heating power** is relatively high at this time so reliable protection from **earth electronic line** is a **MUST**.
- Preset the corresponding temperature and timing for the object that is going to be shaped. If you want to know how to set them, please refer to the **Basic Preparation before Using** Chapter. It needs about 5-10 minutes to achieve the **Initial heating temperature**.
- When the temperature achieves the initial heating temperature, it will turn into constant temperature status

automatically.

4. Adjust the pressure by loosen or tighten the screws. (**Attention:** If the pressure is too high, the tile will break; if the pressure is too loose, the heating effect will be unbalanced). Put the flat object on the bottom board and cover the going-to-be-shaped part with a colorful sublimation paper, on which you have printed the picture before hand. Pull down the **Handle (4)**. And press the executive key. Be careful of the heat.
5. Wait for about 40 seconds, and you will hear a hint sound when the machine finishes the sublimation. Pull up the **Handle (4)** and turn off the power. Take out the object, rip off the paper on it , and you have finished!

## Plate Heat Press


### Introduction

By using the plate heat press, one can transfer colorful logo, human image and scenery picture onto the plates, esp. well for making gifts, advertisements, propagandas and traveling souvenir and so on. Combining arts and practicality together, the printed plates can show your individualization.

### Replacement

Use the **Silicon board (9)** of tile heat press. Attach the power pin the same way as in the **Tile Heat Press**. There are two protruding points on the **Plate heater (5)**. Put it directly to the two flutes on the **Tile Heat Board (1)**, and the magnetic force will make the accessory and the body adhered firmly. Attach the **Power pin (14)** to the **Faucet (12)** in the inner side of the **Manipulation Board (2)**. You have finished!

### Operation:

1. Use the handle to pull up the **Tile Heat Board (2)** totally. Turn on the power switch and see the red **Indicative light (5, picture 2)**.
2. Preset the corresponding temperature and timing for the object that is going to be shaped. If you want to know how to set them, please refer to the **Basic Preparation before Using** Chapter. It needs about 2-5 minutes to achieve the **Initial heating temperature**.
3. When the temperature achieves the initial heating temperature, it will turn into constant temperature status automatically.
4. Adjust the pressure by loosen or tighten the screws. Put the plate (the plate should be preheated before hand) on the bottom board and cover the middle with a colorful sublimation paper (it should be cut out to round shape), on which you have printed the picture before hand. Pull down the **Handle (4)**. And press the **Executive key (4, picture 2)**. Be careful of the heat.
5. Wait for about 30 seconds, pull up the **Handle (4)** and rotate the plate. Do this for about 2-4 times. Then you will hear a hint sound when the machine finishes the sublimation. Pull up the **Handle (4)** and turn off the power. Take out the object, rip off the paper on it , and you have finished!

## Cap Heat Press


### Introduction

By using the cap heat press, one can transfer colorful logo, human image and scenery picture onto the caps, esp. well for making gifts, advertisements, propagandas and traveling souvenir and so on. Combining arts and practicality together, the printed caps can show the individualization..

### Replacement

Refer to the **Tile Heat Press** and **Plate Heat Press** replacement and installation. Differently, the **Cap Heat Press** needs more space because the two parts of the accessory are both curving.

**Operation**

1. Use the **Handle (4)** to pull up the tile heat board totally. Turn on the power switch and see the red **Indicative light (5, picture 2)**.
2. Preset the corresponding temperature and timing for the object that is going to be shaped. If you want to know how to set them, please refer to the Basic Preparation before Using Chapter. It needs about 3-5 minutes to achieve the initial heating temperature.
3. When the temperature achieves the initial heating temperature, it will turn into constant temperature status automatically.
4. Adjust the pressure by loosen or tighten the screws. Put the cap on the bottom board and cover the going-to-be-shaped blank place with a colorful sublimation paper, on which you have printed the picture before hand. Pull down the handle. And press the executive key. Be careful of the heat. Attention: If the brim of the cap can not afford high temperature, avoidance or proper heat isolation should be adopted.
5. Wait you hear a hint sound when the machine finishes the sublimation. Pull up the handle and turn off the power. Take out the object, rip off the paper on it , and you have finished!

## Mug Heat Press

**Introduction**

By using the mug heat press, one can transfer colorful logo, human image and scenery picture onto the mugs, esp. well for making gifts, advertisements, propagandas and traveling souvenir and so on. Combining arts and practicality together, the shaped mug can show the individualization

**Replacement**

As a separate part, the mug press has its own pressure and heating systems. The only step for the replacement is to attach the **Power pin (14)** to the **Faucet (12)** in the inner side of the **Manipulation Board (2)**. You have finished!

It is the same to replace the latte shape mug heater to the machine. The mug heating accessory can be applied to both straight shape mug heater and latte shape mug heater. This is one of the biggest differences from all those mug presses before.

**Operation**

1. Change different mug heater according to different mug volume. The heater can be replaced directly.
2. Turn on the power switch and see the red indicator light. Preset the corresponding temperature and timing for the mug that is going to be shaped. If you want to know how to set them, please refer to the **Basic Preparation before Using** Chapter. It can be preheated for nothing before hand.
3. When the temperature achieves the initial heating temperature, it will turn into constant temperature status automatically.
4. Adjust the pressure by loosen or tighten the screws. Put the mug into the heater with a colorful sublimation paper adhere to it, on which you have printed the picture before hand. Be careful of the heat. **Attention:** Avoidance of partly heating should be adopted. When you put the mug with the adhered sublimation paper into the press, the rim of the mug should be 2~3mm lower than the rim of the heater.
5. Wait you hear a hint sound when the machine finishes the sublimation. Turn off the power and take out the mug, rip off the paper on it, and you have finished!



**Whenever there are any problems you cannot solve, please contact our professional technicians to inspect and check. We are at your service all the time. Or please contact your local selling agent for better service.**

### Troubles and Methods to Solve

Phenomenon		Cause	Handling methods
1	No display after starting up	Poor outlet connection or the protective tube in the machine has been damaged.	Replace with a new power outlet. Or replace the original protective tube with the alternative one.
2	Fail to heating up; continuous declining of temperature as displayed on the instrument; or keep the constant temperature	The heater pad burnt out	Replace with a new heater
3	Fail to heat up after starting up; display of E-1 on the instrument	The temperature probe is damaged	Replace with a new temperature probe
4	Unsatisfied colored	Insufficient temperature or time	Adjust the temperature and increase the heating time
5	Unclear image	Spreading of ink caused by overlong heating time	Reduce the time for printing
6	Part of the image is blurred	Insufficient or uneven clamping force	Adjust the clamping force or replace the mug
7	Deep color, blurred image	Overlong time or over high	Adjust the temperature and time
8	Display of E-0	Temperature The ambient temperature is lower than 0 centigrade	Change the ambient temperature by air conditioners

#### *Brief Introduction to Photo USA Electronic Graphic Inc.*

Established in 1992, *Photo USA* is the leading manufacturer in the sublimation coated industry; we have been setting the industry standard in the sublimation and photo mug industries. Located in the capital in China—Beijing, now we have developed our branch offices in Shanghai and Chengdu.

We produce coated ceramic mugs, plates, tiles, ornaments, puzzles, T-shirts, mouse pads, key rings, saving boxes and jewelry boxes and so on. We have been booming for our innovations and marvelous quality. So far we have customers all around 150 countries and shipping thousands of containers each year. Aiming at pursuing beauty and creating a DIY life for you, we sincerely welcome customers home and abroad to establish a solid cooperation relation with us.

Address: 8 Dongdaqiao Rd., Ste 2716, the Spaces Int'l Center, A-2716, Chao Yang District, 100020, Beijing, China  
Tel: (86 10) 58702200 Fax: (86 10) 58701866

# Photo USA Electronic Graphic Inc.

## Professional Sublimation Heating Press Limited Warranty

### A. WHAT IS COVERED

Photo USA Electronic Graphic Inc. ("Photo USA") warrants to the original purchaser that the product enclosed with this Limited Warranty statement and used in the country of purchase will conform to the manufacturer's specifications and be free from defects in workmanship and materials for a period of one (1) year [Heater for three (3) months] from **the date of original purchase**.

### B. WHAT THIS WARRANTY DOES NOT COVER

This warranty covers only normal office-environment use in the country of original purchase. Heaters are warranted separately under the terms of Section C below. Photo USA is not responsible for warranty service should the Photo USA warranty be lost or should the product fail to be properly maintained or fail to function properly as a result of misuse, abuse, improper installation, neglect, duty cycle abuse, improper shipping, damage caused by disasters such as fire, flood, and lightning, improper electrical current, interaction with non-Photo USA products, or service other than that by a Photo USA Authorized Service Provider. Duty cycle abuse is defined as operation of this heating press beyond its nominal duty cycle; all repairs thereafter are to be billed on a time and material basis. Postage, insurance, or shipping costs incurred in presenting your Photo USA product for warranty service are your responsibility. If a claimed defect cannot be identified or reproduced in service, you will be held responsible for costs incurred. **IMPORTANT:** Whenever replacing any heating parts, be certain that the power has been cut off and the power pin has been pulled out. Non-warranty damage to your heating press could result from the use of unprotected machine replacement.

### C. Heater Warranty

Photo USA warrants that, under normal use and service, heaters shall be free from defects in material and workmanship for three (3) months from the date of original purchase. In the event a warranty claim is submitted for a defective heater, Photo USA shall have the right to inspect the heating press, heater for the purpose of verifying that any such claimed defect has not been caused by non-Photo USA approved sublimation materials (ink, paper, adhesive tape and coated mug), non-Photo USA approved printer, and/or non-Photo USA approved electronic voltage.

**PHOTO USA SHALL NOT BE HELD LIABLE FOR THE INTEGRITY AND/OR LONGEVITY OF ANY PHOTOGRAPHIC IMAGES, DIGITIZED IMAGES, HOLOGRAPHIC IMAGES, GRAPHICS, PATTERNED OVERLAYS, OR COMBINATION THEREOF THAT ARE PRODUCED, GENERATED, OR OTHERWISE TRANSFERRED BY THE USE OF PHOTO USA'S HARDWARE UNDER THIS AGREEMENT.**

**NEITHER PHOTO USA ELECTRONICS, INCORPORATED NOR ITS AFFILIATEDS SHALL BE LIABLE FOR ANY LOSS, INCONVENIENCE, OR DAMAGE, INCLUDING DIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR INABILITY TO USE THE PHOTO USA PRODUCT, WHETHER RESULTING FROM BREACH OF WARRANTY, OR DID ANY OTHER LEGAL THEORY EVEN IF PHOTO USA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.**

This Warranty gives you specific legal rights, and you may also have other legal rights that vary from state to state and/or country to country.

**PRODUCT INFORMATION**

MODEL: \_\_\_\_\_ NAME: \_\_\_\_\_  
 PRODUCING AREA: \_\_\_\_\_  
 BASIC COLLECTIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 CONFIRM MAN: \_\_\_\_\_ DATE: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (MM/DD/YY)

**CLIENT INFORMATION**

NAME: \_\_\_\_\_  
 COMPANY AND ADDRESS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 CITY: \_\_\_\_\_ ZIPCODE: \_\_\_\_\_  
 COUNTRY: \_\_\_\_\_  
 TEL (very important): \_\_\_\_\_ FAX: \_\_\_\_\_  
 E-MAIL: \_\_\_\_\_  
 DEFECTIVE DESCRIPTION: \_\_\_\_\_

**REPAIRMENT RECORDS**

	Repairing date	Defection Description	Repairer Signature
1			
2			
3			
4			

**\*This warranty card must be presented for warranty service.**

To get more information about the warranty, please e-mail, call or fax the following:

E-mail: [sales@meikeda.com](mailto:sales@meikeda.com) or contact your local sales agent.

Tel: +86 10 58702200

Fax: +86 10- 5870 1866/1899

Or write to: Photo USA Electronic Graphic Inc.

8 DongDaQiao Road, Ste 2716, the Spaces International Center, Chaoyang District,  
 Beijing, 100020 China.

Website: [www.meikeda.com](http://www.meikeda.com)