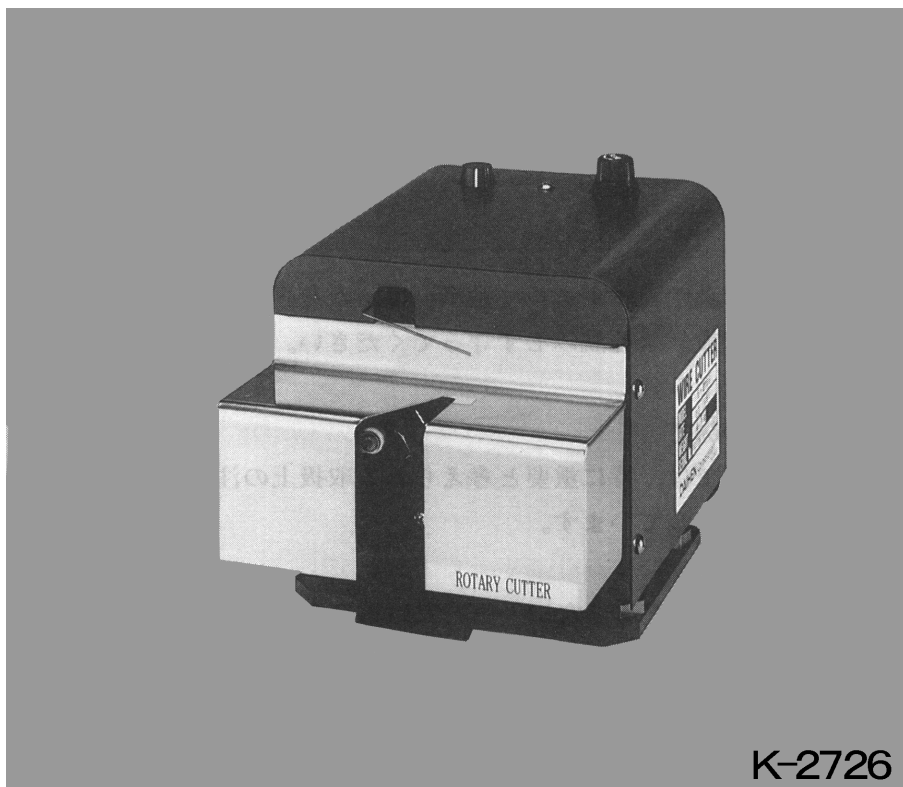


Robotic Welding Nozzle Cleaner



Instruction Manual TypeW



K-2726

**Read this manual first before you use the product.
Keep this manual with care.**

DAIHEN Corporation Mechatronics Division


Introduction

Thank you for purchasing our Nozzle Cleaner "CLEANKIT".

Read this manual carefully first before you use the product to correctly use.


And keep this manual with care after you read. When you have any troubles, read this manual. Please note that your purchased product may not coincide with the contents of this manual due to changes of the specifications.


Safety first

The precautions described in this manual with  notations are important items which may result any physical injuries. Read carefully and follow these items.

◇ Notations

In this instruction manual, for the handling precautions which can be considered as special important items, we indicate as follows;

 **Warning** : If you fail to observe the notice with this mark, you may die or receive a serious injury.

 **Caution** : If you fail to observe the notice with this mark, you may receive an injury.

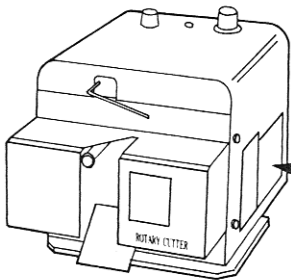
Important : If you fail to observe the notice with this mark, machines may be damaged or troubled.

Supplement : Useful supplementary explanation when using the product.

Service and Warranty

Consultation contact

If you need any service and inquire of any trouble when using or any question, consult to the seller you purchased the product. When you contact, inform the model name and serial number of the product.




WIRE CUTTER	
MODEL	
DATE	. 19
WEIGHT	kg
SERIAL No.	1K2726
DAIHEN Corporation	
Manufactured by DAIWA SEIKO CO., LTD.	
NU2937	

Warning

Modifying the machine will be dangerous. Do not modify the machine.

Note that modifying or using the machine with any different way from the intended purpose described in this instruction manual is not intended by the manufacturer and will make your warranty invalid.

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Caution To work safely



Please carefully read this instruction manual and understand the machine before you use, then try to safely work. In order to safely work, we request you to observe the following precautions and others described on each explanation with "⚠ Caution" mark in the manual.

1. Before you work

Power Source is **AC 100V**. Put the power plug into a receptacle firmly.

Be sure to **earth** the power plug.

NEVER touch the cutting part when **power lamp** is lit up.

Allow the **table** to be free at any time. (The guide mechanism doesn't work well) **machine body firmly and horizontally**

Set the **power code**

When you wire the _____, consider a way to avoid welding spark.

If you do not use for a long time, pull the power plug out.

2. Caution label and handling

◆ Label types

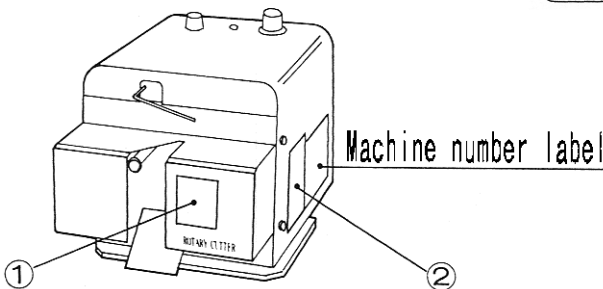
NK5715

NK5716



Labeling positions

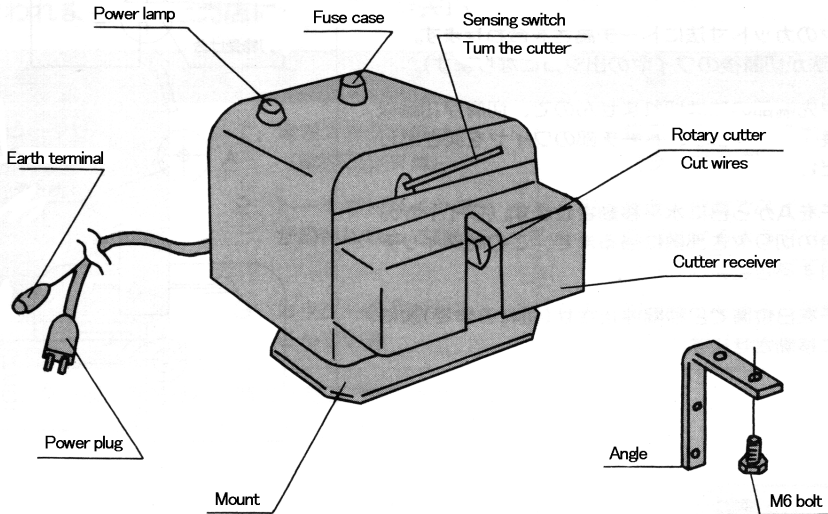
◆ Mending of the caution labels



- (1) Wash the label which has been soiled with soap water and then dry it with a soft cloth.
- (2) Replace the label damaged or lost with new one, purchasing at your dealer.

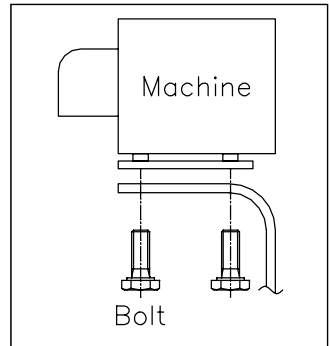
(3) If the part to be replaced is labeled, replace the label at the same time.

Setting and preparation



Setting and preparation

- 1 Secure the machine horizontally in suitable place by using the angle and bolt shipped together. (Avoid any position where operations of the robot arm will be impeded.)
- 2 Put the power plug into a receptacle. DO NOT FORGET to do grounding (AC100 V).

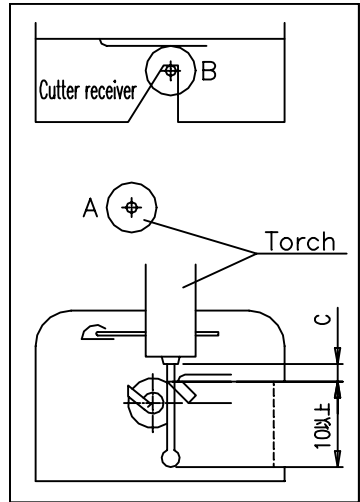


■ Robot teaching

- (1) Pull the power plug out of the receptacle.
- (2) Move the torch to the front of the cutter (A position).
- (3) Level the torch to the cutting size of wires you want.

(C dimension is the size of outputting wires after having cut.)
- (4) "Ball" of wire tip can not be cut , so cut after putting out wires to allow the clip length of 10mm
- (5) Horizontally move the torch from A to B.
(Until a wire hits to the notch bottom of the cutter receiver.)

At this time , the switch should be in ON position)
- (6) Stop the torch at B position for 2 seconds and then move it upwards.



Operation

Put the power plug into a receptacle and let the torch operate.

Check whether CLEAN KIT works properly and wire becomes cut off completely.

Specification

Name	W type
Model	K-2726
Power supply	AC 100V 50/60Hz
Electric power consumption	50W (max.)
Cleaning time	About 5seconds
Weight	4.5kg
Adaptive wire diameters	1.6mm or smaller
Accessories	Special mounting metal set

Before you request repairing

Check the following items again. If the machine doesn't work normally even after checking them, it may be at fault. So, please contact to your dealer.

Problem	Causes	Solutions
Motor at rotary cutter side doesn't run	1. Power switch is in CUTTER OFF position. 2. Switch isn't in ON position. 3. Teeth of rotary cutter are jammed.	1. Once turn off power switch. Actuate again after stopping for about 30 minutes. 2. Try again teaching to enter nozzle vertically to cutter. 3. Adjust. 4. Tighten again by using hexagon wrench. 5. Plug power plug to outlet.

(NOTICE) Earth the power plug when you touch the cutter

Circuit diagram

K-2726 Wiring diagram

