Easily recognize and generate vision data for parts.

FUJI — *innovative spirit*

Part Data Creation and Confirmation System

VPDplus

Auto Shape Generator

Automatic Vision Data Creation Function (Offered as a VPDplus option license)

MPA4010

FUJI Machine Mfg.Co.,Ltd.

● **Simple wizard style operation.**

● **Automatically generate part data from the part image.**

● **High data reliability, reduced need for modifications.**

Cat.No.ASG/2010.Jan/E

Reasons for Vision Processing Errors

70% dependant on the skill of the operator!

- ●Vision Type selection errors
- ●Data definition errors
- ●Fallen parts
- ●Operator errors etc

The Auto Shape Generator solves all of these problems!!

■Command of Tasks

Creating Vision Processing Data in the Past
- ● Many difficult decisions
- ● Complex editing configurations
- ● Modifications needed

With the Auto Shape Generator...
- ● Anybody can create data
- ● Complete data reliability
- ● Clear creation guidance

■ Import the Images, and Generate Automatically

Making vision processing data is an easy operation consisting only of taking images of the parts to be placed from the machine or the camera stand, and then following the step by step guidance.
Input the vision type, the leads, bumps, and seek lines, and the tolerance settings are detected and the image data is generated automatically. In addition, the robustness of the data is confirmed by the test process, and reliability is greatly improved.
As a result, time required to create part data is greatly reduced.

■ Part types that can be created automatically

● **Supported part types**

IC leaded parts	・・・	VT123
BGA parts	・・・	VT142, 233
Black connectors	・・・	VT152,
White connectors	・・・	VT153,
Odd-form parts	・・・	VT18
Rectangular chips	・・・	VT60, 61, 62, 65, 71, 72, 80
Parts with few leads	・・・	VT180
White BGA parts	・・・	VT231
Insertion pin parts	・・・	VT243

* Slanted leads parts are not supported.

■ Operating environment

The following software and hardware are required in order to use the Auto Shape Generator.

- ・Fuji Flexa : V3.0 or later
- ・VPDplus : V5.0 or later + option license
- ・Supported machines : NXT, NXT II, AIM

FUJI

Select or capture an image

Select the part area

Automatic creation

Complete!!