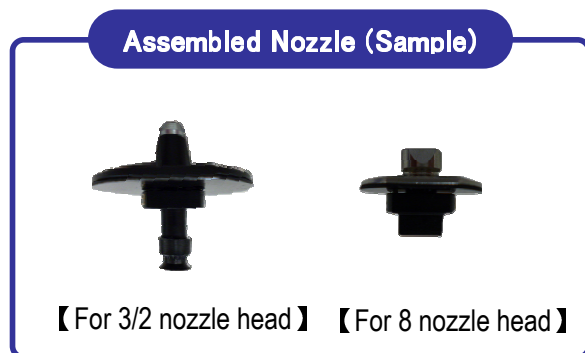
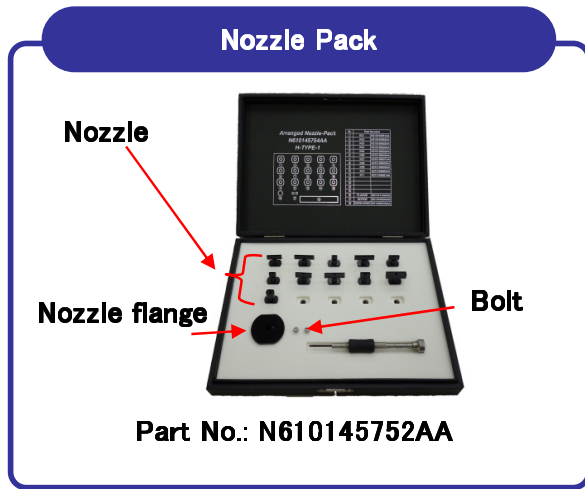


Nozzle Pack

Part No. :
Refer the table on right side.



Applicable model :
NPM series
CM series modular placement machine *2

Purpose

Separate type nozzle in order to handle many kinds of odd shape components.

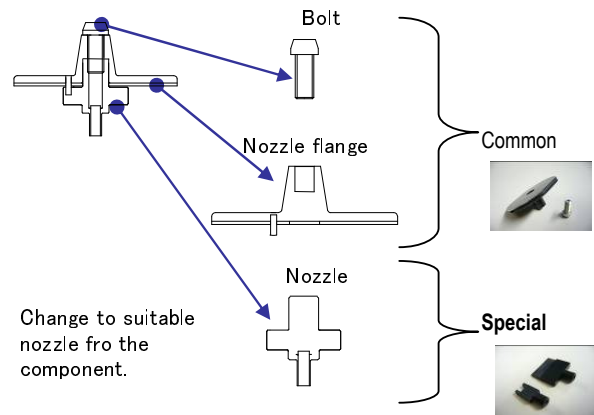
Features

- 1) Separate type nozzle, suitable nozzle can be assembled for the odd shape components.
- 2) 5 types nozzle pack by head type and nozzle shape

Head Type	Part No.	Nozzle shape	Type	Components (more than)
For 3/2 nozzle head	N610145751AA	Oval 1	11	207 kinds
	N610145752AA	Oval 2	11	232 kinds
	N610145753AA	Round, Pad	15	160 kinds
For 8 nozzle head	N610145754AA	Oval 1	11	11 kinds
	N610145755AA	Round, Pad	11	21 kinds

59 kinds of nozzle cover over than 631 kinds of components. *1

Configuration

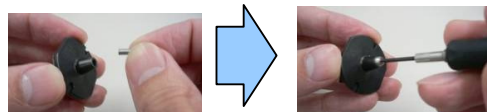


Procedure to assemble

- 1) Install nozzle on nozzle flange



- 2) Fix the nozzle with bolt.



Remarks

- 1) *1: The number of components' kinds are researched by PFSC. (As of Dec. 2011)
- 2) *2: The models after CM402 (CM402,401,400,212,232,602,101,DT401,400)

Local Office Contacts



For enquiry, please contact our list of local Offices

Singapore

**Panasonic Factory Solution
Asia Pacific (PFSAP)**
285, Jalan Ahmad Ibrahim, Singapore 639931
Email: pfssg.helpdesk@sg.panasonic.com
Tel: +65 6863 2001
Fax: +65 6862 6849

Daiichi Jitsugyo Asia Pte Ltd

No. 31 Kaki Bukit Road 3, #02-02 Techlink
Singapore 417818
Email: sjoe@djksp.com.sg / yamaoka@djksp.com.sg
Tel: +65 6338 3732
Fax: +65 6337 6761

Malaysia

Panasonic Industrial Devices Sales (M) Sdn Bhd
15th Floor, Menara IGB, Mid Valley City,
Lingkaran Syed Putra, 59200 Kuala Lumpur, Malaysia
Email: fa.parts.sales@my.panasonic.com
Tel: +603 2297 6914
Fax: +603 2297 6908

Panasonic Industrial Devices Sales (M) Sdn Bhd

Suite 01-3A, 7th Floor, Menara IJM Land,
1, Lebuhr Tunku Kudin 3, 11700 Gelugor,
Penang, Malaysia
Email: fa.parts.sales@my.panasonic.com
Tel: +604 653 1988
Fax: +604 653 1999

JFE Shoji Electronics Malaysia Sdn Bhd

No. 42, Jalan Kikik, Taman Inderawasih,
13600 Prai, Penang, Malaysia
Email:
Tel: +604 397 1421 ~ 2 / 8
Fax: +604 397 1389

No. 2C - 1, Jalan SS 6/6,
Kelana Jaya, 47301 Petaling Jaya
Selangor Darul Ehsan, Malaysia
Tel: +603 7880 4498
Fax: +603 7803 4478

Dai-ichi Jitsugyo (Malaysia) Sdn Bhd

Suite 21B, Box No. 80, 21st Floor, UBN Tower,
No. 10, Jalan P. Ramlee 50250,
Kuala Lumpur, Malaysia
Email: rodney@daiichijitsugyo.com.my
Tel: +603 2070 6913
Fax: +603 2070 6912

Malaysia (Johor)

**PCBA Technology & Service (M) Sdn Bhd
(Panasonic Authorized Service Center)**
No 60, Jalan Bistari 2, Taman Industri Jaya
81300, Johor Bahru, Malaysia
Email: pcbatech@tm.net.my
Tel: +607 511 2232
Fax: +607 512 5597

Kawasho Engineering Services Sdn Bhd (KES)

Suite 20-03C, 20th Floor,
Menara MAA, No. 15,
Jalan Dato' Abdullah Tahir,
80300 Johor Bahru, Johor
Tel: +607 3314778, +607-3354778, +607-3391778
Fax: +607 3319778

Thailand

Panasonic Industrial Devices Sales (Thailand) Co.,Ltd

252 / 133 Muang Thai-Phatra, Complex Building,
31st Fl., Rachadaphisek Rd, Huaykwang,
Bangkok 10320, Thailand
Email: ml_pict_fa_hotline@th.panasonic.com
Tel: +662 693 3418 ~ 20
Fax: +662 693 3427

Daiichi Jitsugyo (Thailand) Co., Ltd.

252 / 117 - 8 G-H 23rd Floor,
Muang Thai Phatra Office Tower II
Rachadaphisek Road, Huaykwang,
Bangkok 10320, Thailand
Email: shinji.ohtsuki@djk.co.jp
Tel: +662 693 2681
Fax: +662 693 2683

Kawasho Engineering Services (Thailand) Ltd

21st Floor, Chamnan Phenjati Business Center
Building, 65 / 173 - 174 Rama 9 Rd, Huaykwang
Sub-District, Huaykwang District, Bangkok 10320,
Thailand
Email: charoensak@kest.co.th
Tel: +662 247 9949
Fax: +662 247 9950

Philippines

Panasonic Manufacturing Philippines Corporation

102, Laguna Blvd
Bo don Jose, Laguna Technopark
Sta. Rosa, Laguna 4026, Philippines
Email: kl.evangelista@ph.panasonic.com
Tel: +63 49 541 1560
Trunk: (02) 520 8600 loc 8712
Fax: +63 49 541 1560

Daiichi Jitsugyo (Philippines) Inc.

Unit 2001 - 2002, Philippines AXA Life Centre Sen.
Gil Puyat Avenue, Makati City, 1200, Philippines
Email: taiji.nishida@djk.co.jp (Japanese Account)
creg@djk.com.ph (Local Account)
Tel: +632 759 6944
Fax: +632 759 6946

Indonesia

**Panasonic Industrial Asia Pte Ltd (PIA)
Indonesia Representative Office**
Summitas II, 17th Floor
Jl. Jend. Sudirman Kav. 61 - 62, Jakarta 12190
Indonesia
Tel: +6221 252 3835
Fax: +6221 252 6320

P.T. Gobel Dharma Nusantara (PT GDN)

Jl. Dewi Sartika 14, Cawangii, Jakarta 13630
Indonesia
Email:
Tel: +6221 801 5666 Ext 152 ~ 153
Fax: +6221 801 7276

Daiichi Jitsugyo Asia Pte Ltd Jakarta Representative Office

Skyline Building, 16th Floor Jl.M.H.Thamrin No.9
Jakarta 10340, Indonesia
Email: tharada@djk-global.com
Tel: +6210 390 4930
Fax: +6210 3190 2082

Batam

PT Cahaya Baru Anugerah (PCBA)

Ruko Sukajadi, Block C no 22,
Sukajadi, Batam
Email: pcbatech@ndosat.net.id
Tel: +62770 611768
Fax: +62770 611886

Vietnam

Panasonic Vietnam Co., Ltd (Hanoi)

Plot J1-J2, Thang Long Industrial Park
Ding Anh Dist., Hanoi, Vietnam
Tel: +84-4-9590031 ~ 32
Fax: +84-4-9590034

Panasonic Vietnam Co., Ltd (Ho Chi Minh)

Room 4.6 - 4th Floor,
E-Town 3 Building, 364 Cong Hoa Str.,
Ward 13, Tan Binh Dist., HCMC
Tel: +84-8-38130613 ~ 14
Fax: +84-8-38130615

Daiichi Jitsugyo Asia Pte Ltd Ho Chi Minh Representative Office

Suite 1107, 11th Floor, Zen Plaza
54 - 56 Nguyen Trai Street, District 1,
Ho Chi Minh City, Vietnam
Email: shigenori.yuki@djk.co.jp
Tel: +848 925 6900
Fax: +848 925 6877

Daiichi Jitsugyo Asia Pte Ltd Hanoi Representative Office

Suite 410A, 4th Floor, V-Tower,
649 Kim Ma Street, Ba Dinh Dist.,
Hanoi, Vietnam

India

Panasonic Industrial Devices Sales India

First floor, AWB Tower, Sector 25
IFFCO Chowk, MG Road
Gurgaon - 122001
Email: vishal_dahiya@panasonicindia.com
Tel: +91 124 4596600
Fax: +91 124 4596625