

# EPP16M3 Printer



EPP16M3

Auxiliary RS232C Data Input

- Printer for digital torque equipment
- Terminal Line Dot printing

| Model   |
|---------|
| EPP16M3 |

## EPP16M3 Optional Accessories

### Roll Paper

| Part # | Description |
|--------|-------------|
| 1408   | Roll Paper  |

## EPP16M3 Specifications

|                                   |                            |
|-----------------------------------|----------------------------|
| Printed Method                    | Thermal Line Dot           |
| Total Dot                         | 384 dots                   |
| Dots per inch                     | 203 dpi (8dot/mm)          |
| Printing Capacity                 | 32                         |
| Number of Dots for Character      | 12 × 24                    |
| Character Size [mm]               | 1.5 × 3.0                  |
| Paper Width/Print Span [mm]       | 58 / 48                    |
| Thermal Paper Outer Diameter [mm] | φ50                        |
| Max Printing Speed [mm/sec]       | 80                         |
| Power AC [V]                      | 100 - 240V ± 10% 50/60Hz   |
| Temperature [°C]                  | 0 ~ 40                     |
| Humidity [%RH]                    | Under 85 (No condensation) |
| Weight [kg]                       | Approx. 0.27               |

## Connecting Cable

| Part # | Applicable Models                                                   | Plug               |
|--------|---------------------------------------------------------------------|--------------------|
| 383    | DOT3-G (P.54), LC3-G (P.56), TDT3-G (P.57), TME2 (P.60), CD5 (P.66) | D-SUB 9 Pin Female |
| 575    | CEM3-G/CEM3-P (P.36), CTA2 (P.24), R-DT999 (P.66), CTB2-G (P.37)    |                    |

# DECA 10:1 Ratio Torque Multiplier



DECA900N

Body + Universal Arm



Universal Arm

Auxiliary

Straight

Rotary

RoHS

- Multiplied torque output increases by 10 times
- Ideal for applying high torque values with less force

Accuracy ±5%

| Model      | Output Torque |          |            | Torque Ratio | Dimension [mm] |      |                  | Weight [kg] | Applicable Universal Arm |
|------------|---------------|----------|------------|--------------|----------------|------|------------------|-------------|--------------------------|
|            | [N-m]         | [kgf-m]  | [lbf-ft]   |              | Overall Length | Dia. | Output Sq. Drive |             |                          |
| DECA450N   | 90-450        | 9-45     | 65-325     | 10:1         | 195            | 52   | 19.0             | 9.5         | 2 UA450N                 |
| DECA900N   | 180-900       | 18-90    | 130-650    |              | 541            | 63   | 25.4             | 12.7        | 3.4 UA900N               |
| DECA1800N  | 360-1800      | 36-180   | 260-1300   |              | 270            | 78   |                  |             | 5.7 UA1800N              |
| DECA3000N  | 600-3000      | 60-300   | 434-2170   |              | 324            | 95   | 31.75            | 19.0        | 10 UA3000N               |
| DECA4500N  | 900-4500      | 90-450   | 650-3250   |              | 367            | 110  | 38.1             |             | 12.5 UA4500N             |
| DECA9000N  | 1800-9000     | 180-900  | 1300-6500  |              | 464            | 140  | 50.8             |             | 34 UA9000N               |
| DECA18000N | 3600-18000    | 360-1800 | 2600-13000 |              | 540            | 172  | 63.5             | 25.4        | 60 UA18000N              |

### Note

1. Universal Arm is optional.
2. DECA9000N and DECA18000N are supplied upon request.

### Standard Accessories

1. Metal Case (for DECA450N-DECA9000N only)
2. Portable Handle (for DECA4500N-DECA9000N only)
3. Metal Case Caster (for DECA18000N only)

## AP/DAP Optional Accessories



SA



UA

# SA Shell Arm Light weight reaction arm

RoHS

| Model   | Standard Socket Length [mm] | Max. Torque [N-m] |
|---------|-----------------------------|-------------------|
| SA400N  | 50                          | 400               |
| SA700N  | 62                          | 700               |
| SA1200N | 62                          | 1200              |

# UA Universal Arm Heavy duty reaction arm

RoHS

| Model    | Max. Torque [N-m] | Weight [kg] |
|----------|-------------------|-------------|
| UA450N   | 450               | 1.2         |
| UA900N   | 900               | 2.6         |
| UA1800N  | 1800              | 4           |
| UA3000N  | 3000              | 7.2         |
| UA4500N  | 4500              | 10.9        |
| UA9000N  | 9000              | 18          |
| UA18000N | 18000             | -           |

## Adapter for Torque Wrench Tester



Down Adapter

# DA Down Adapter for Torque Wrench Testers

RoHS

- Compact adapter to reduce the size of square drive

| Model  | Part # | Dimensions [mm]     |                       |        |              | Capacity [N-m] | Weight [g] |
|--------|--------|---------------------|-----------------------|--------|--------------|----------------|------------|
|        |        | Square Drive (Male) | Square Drive (Female) | Height | Outside Dia. |                |            |
| DA3-2  | 296    | 9.5                 | 6.35                  | 12     | 13           | 14             | 5          |
| DA4-3  | 297    | 12.7                | 9.5                   | 15     | 18           | 70             | 11         |
| DA6-4  | 298    | 19.0                | 12.7                  | 19     | 26           | 220            | 34         |
| DA8-6  | 299    | 25.4                | 19.0                  | 26     | 35           | 750            | 66         |
| DA12-8 | 300    | 38.1                | 25.4                  | 44     | 55           | 2100           | 320        |

# RA2 Ratchet Adapter for Torque Wrench Testers

RoHS

- Rotates wrench to proper testing position on tester (Gear action 3.75 degrees)

| Model  | Dimensions [mm]  |                    |        |              | Capacity [N-m] | Weight [kg] |
|--------|------------------|--------------------|--------|--------------|----------------|-------------|
|        | Sq. Drive (Male) | Sq. Drive (Female) | Height | Outside Dia. |                |             |
| RA3mk2 | 9.5              | 9.5                | 37.3   | 55           | 70             | 0.28        |
| RA4mk2 | 12.7             | 12.7               | 52.5   | 70           | 220            | 0.6         |
| RA6mk2 | 19               | 19                 | 69.3   | 115          | 850            | 2.3         |
| RA8mk2 | 25.4             | 25.4               | 92.8   | 161          | 2100           | 6.3         |
| RA12   | 38.1             | 38.1               | 111    | 234          | 3000           | 12.6        |

# EVERTORQUE

Lubricant for repairing torque products

RoHS



- For repairs of torque wrenches and torque screwdrivers

| Model      | Part # |
|------------|--------|
| EVERTORQUE | 830    |

## Evertorque Application List

|                                    | Applicable Model   | Applicable Part                                                                          |
|------------------------------------|--------------------|------------------------------------------------------------------------------------------|
|                                    | OL/QL/CL/POL/PLYCL | Thrusting: Steel Ball, Scale Piece, Adjusting Screw; Thread                              |
| Click Type Torque Wrench           | WQL                | Thrusting: Steel Ball, Scale Piece, Adjusting Screw; Thread, Knob, Protector, Joint      |
|                                    | MPQL               | Thrusting: Steel Ball, Scale Piece, Adjusting Screw; Thread, Ratchet, Marker Pipe; Joint |
| Click Type Torque Screwdriver      | RTD, RNTD          | Main Shaft, Toggle Sheet; Serration                                                      |
|                                    | RTD, LTD, BMLD     | Case, Adjusting Piece; Serration                                                         |
| Semi-Automatic Airtork             | A/C                | Thrusting: Steel Ball, Scale Piece, Adjusting Screw; Thread                              |
| Fully-Automatic Airtork            | AP, AS             |                                                                                          |
| Fully-Automatic Electric Nutrunner | DAP                | Reduction Clutch; Clutch                                                                 |
| Multiple Unit                      | MC, ME, DCME       |                                                                                          |