Feeder Calibration
JIG

Manufactured: ZTF-200EX
OVERVIEW

1) It is essential for this equipment that enhanced productivity, installation and quality improvement as the high efficiency Vision Camera is asked in order to investigate precisely and repair (fix) the error of device position which results from the modification and wear of Tape Feeder in the SMD device.

2) The Feeder, which supplies resources in the SMT production Line, should be under clear condition continuously because it has relatively close correlation with the quality of a current Line, production efficiency and Loss.

3) This Tape Feeder correction JIG, which is considered convenience for user when it is fixed correctly with accuracy.

4) There is PANA,FUJI,KME,YAMAHA,SAMSUNG,, back advantage that can use CHIP MOUNTER TAPE FEEDER by combined use in an equipment by simple correction JIG according to mixed, complex correction JIG for composition ago with this equipment.
**SPECIFICATION**

<table>
<thead>
<tr>
<th>1. Function name</th>
<th>ZTF - 200EX</th>
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<tr>
<td>2. Function</td>
<td>1. The movement of Tape Feeder's component result from the single and &amp; gearing process. The confirmation regarding the adsorption position of Tape Feeder is checked by the screen process.</td>
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<td>3. Object of Tape Feeder</td>
<td>All type Feeder, PANKME, SANYO, FUJI, CASIO, YAMAHA, SAMSUNG, JUKI, PHILLIPS, SIEMENS, SONY,..</td>
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<td>4. Supply pressure</td>
<td>0.1~1.0MPA (This equipment is 0.3MPA)</td>
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<td>5. Measured Speed</td>
<td>Timer1 (Cylinder Work Time) : 0<del>30sec Timer2 (Pick-up Time) : 0</del>30sec</td>
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<td>6. Using power</td>
<td>Single phase AC 220V10%, 50/60 Hz</td>
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<td>7. The condition of surrounding</td>
<td>Temperature : 20¡ÉÆ40¡É Humidity : 30~-80%</td>
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3. **EQUIPPED EXPLANATION**

3-1. Using : Repair through monitor and correct The Tape Feeder's wear, transformation and error incidence.

3-2. Convenience in use

- The acquisition for the rectangular coordinates of X-Y direction.
- Check for the existence, transformation, user in the Feeder.
- The installation is to equip it with actual device and consolidation in Feeder Base.
- Lens's safe arrival part, CCD Camera, the precise Micro controller of X,Y,Z axis.
- The automatic (or semi-automatic), IC transfer device can more IC to the specific area (point).
- The simple calibration for removing or taking Feeder easily.
- It is correction as measurement with CCD Camera.
- Timer control make it possible to change the IC pick-up time.
- The use pressure is able to control in the regulator and Air cylinder.
- Verification and correction available worker's convenience and well carriage by the work desk.
4. **CHARACTERISTIC OF THIS PRODUCT**

4-1. Piston moves forward that result from one time working.

4-2. It is impossible that transfer motion from Manual to Auto and from Auto to Manual.

4-3. It is suitable for Timer's time to be set up over 2sec.

4-4. It is possible to correct exactly by exactly Standard steel tape Working.

4-5. It is able to work by standardization according to production size as X-Y line adjustment.

4-6. Because work consists by Steel Tape, verification and correction are available
5. **EQUIPMENT PICTURE**

**SINGLE FEEDER CALIBRATION JIG**

**MIXED FEEDER CALIBRATION JIG**
COMPLEX FEEDER CALIBRATION JIG