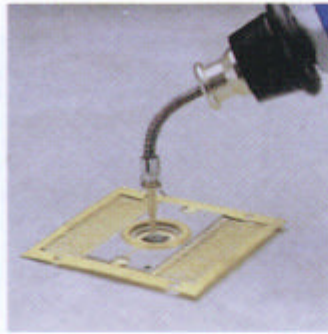


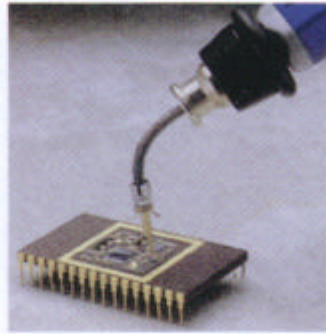
# Excelta® Roto-Pic® Vacuum Pick-up Devices



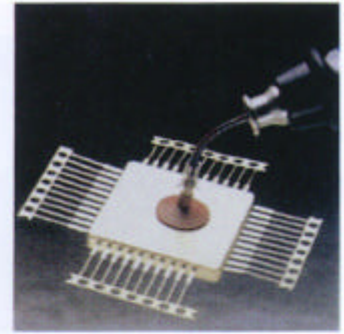
LOADING FLAT PACKS



DIE ATTACHING



DIE ATTACHING



HANDLING COMPONENTS



## EXCELTA® Roto-pic®

The most revolutionary vacuum pick-up available; designed to reduce manual handling of both chips and wafers. Roto-pic® has a smooth, positive, hold and release slide bar that allows operator to lift finger without dropping object being handled.

Round nose wheel rotates 360° so that chip can be picked up and aligned with ease. Easily replaceable tips come in various sizes. Silicone rubber cups can be inserted on Roto-pic® for pick-up and manipulation.

### 2000R Kit

Includes one each-

Ref. No	Description
2000A	Roto-Pic® Handpiece
2000V - <i>Improved!</i>	Vacuum Pump
2000C	3ft Plastic Hose

### 2000RK Complete Kit

Includes one each - 2000R, 2000DA, 2000P, 2000WP

Special accessories available upon request

### Probes

Ref. No	Description
2020	45°
2021	60°
2022	45° Short
2023	90°
2024	180° Straight

### 2000PKit

Includes one each - 2020, 2021, 2022, 2023, 2024

### Tip Assemblies (Cup Only)

Ref. No	Description	Cup Only
2050	3/8" Cup	2050A
2051	1/2" Cup	2051A
2052	1/4" Cup	2052A
2060	Circo-Vac®	
2071	Verto-Vac® with high temperature support	

### 2000WPKit

Includes one each - 2050, 2051, 2052, 2060, 2071

### Die Attaching Tip Assemblies

Ref. No	Internal Diameter	Tip Material
2040	.005"	Teflon
2041	.055"	Polyethylene
2043	.012"	Polyethylene
2044	.035"	Polyethylene
2080	.004"	Stainless Steel

### 2000DA Kit

Includes one each - 2040, 2041, 2043, 2044, 2080

U.S. Patent Numbers 3,843-3, 940, 172 4, 050, 729 and Foreign Patents



2020 2021 2022 2023 2024



2050 2051 2052 2060 2071



2040 2041 2043 2044 2080