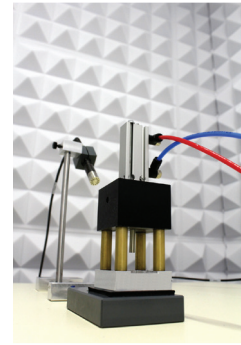
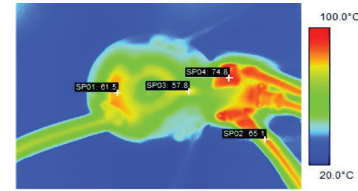


ENGINEERING TECHNOLOGY INTO SOLUTIONS

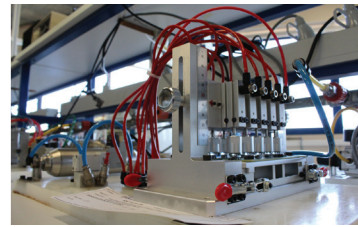
Solutions to the challenges facing the Automotive market space require collaboration between customer and supplier. To provide local engineer-to-engineer communication and support, C&K has design centers located in Newton, MA (USA), Dole France, and Huizhou China. In order to develop robust product designs and expedite time to market, C&K leverages design and analysis tools such as solid modeling CAD systems, FEA and dynamic motion software, mold flow analysis, 3D printing & SLA, X-ray, SEM/FTIR, thermal imaging, force testing, life and reliability under harsh climatic conditions and sound analysis chambers.



Chamber for acoustic testing



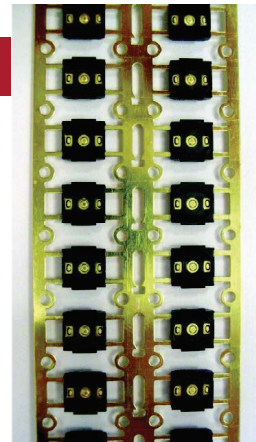
Molding rheology simulation



Life test bench

MANUFACTURING TECHNOLOGY INTO SOLUTIONS

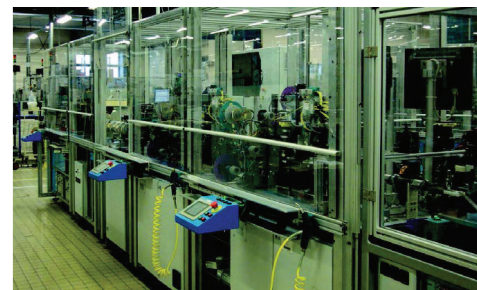
C&K has been providing innovative solutions to our customers for over 50 years, using our extensive industry and applications knowledge and the latest development and manufacturing techniques to solve the most difficult design challenges and provide customer and application specific solutions. Our manufacturing locations, including our China facility, are ISO 9001 and IATF16949 certified. To ensure quality, reliability, and long cycle life, as well as meet design to cost objectives, C&K maintains internal control of key manufacturing processes such as stamping, precision molding, plating, and high speed automatic assembly.



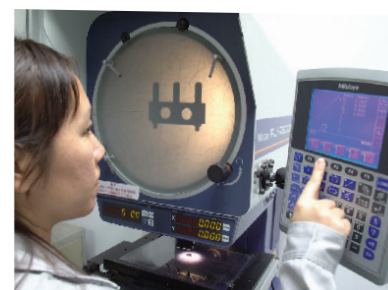
Precision stamping and over molding tools designed and built by C&K



High speed and high precision milling machine for tools and machine building

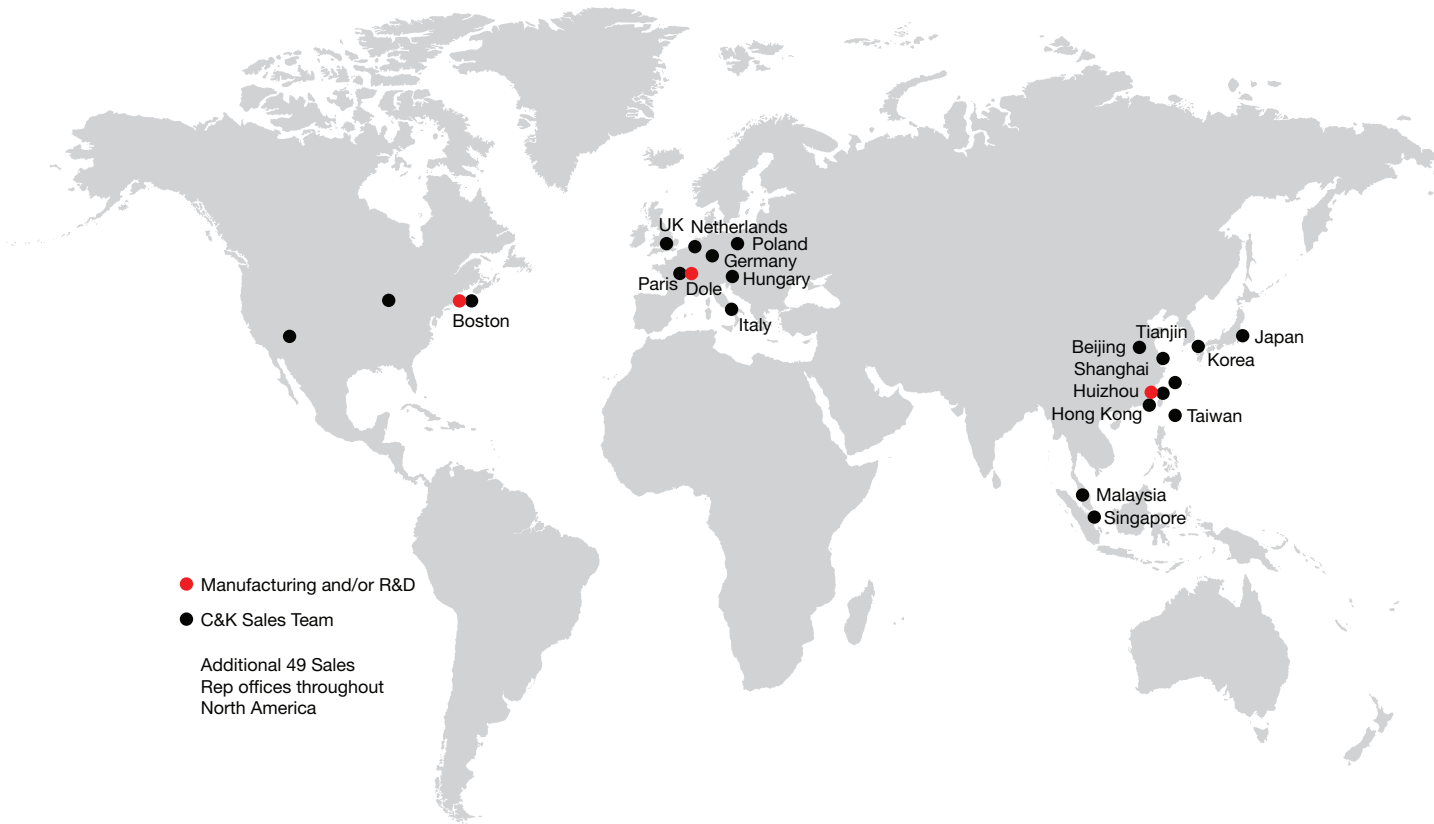


High speed switch assembly machine designed and built by C&K



Control station

C&K SALES SUPPORT



Please visit www.ckswitches.com to view C&K's full product offering and list of partners and distributors. If you need any additional information or have any question, please contact your local customer representative.

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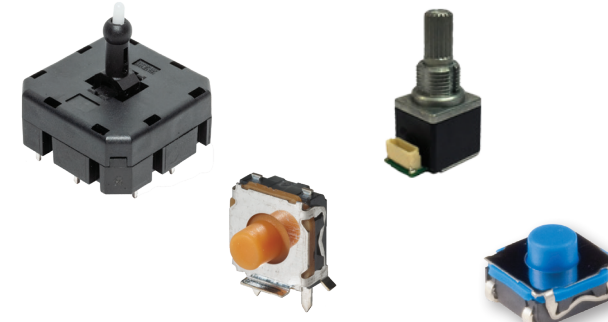
SWITCH SOLUTIONS FOR AUTOMOTIVE APPLICATIONS



DESIGNING TECHNOLOGY INTO SOLUTIONS

								
	Tactile	Push	Detect	Rotary	Navigation	Switch Harness	Haptic System	Integrated Switches
 Interior Controls	•	•	•	•	•		•	•
 Steering Wheel	•						•	•
 Interior Lighting	•	•	•			•		•
 Shifter/ Gear Box	•		•	•		•		•
 Seat Belt			•			•		
 Electronic Park Brake		•	•					
 Door Panels and Seats	•	•	•	•	•	•	•	•
 Column Switches	•							
 Auto Dimming Mirrors	•	•						
 Tactile Surface	•						•	
 Mechatronics Detection	•	•	•			•		
 Keyfobs	•							
 Door and Trunk Handles	•		•			•		
 Latches			•			•		

SWITCH SOLUTIONS FOR CAR INTERIORS



- Interior Controls
- Steering Wheel Controls
- Interior Lighting
- Gear Box Selection
- Seat Belt Detection
- Electronic Park Brake
- Sun Visor
- Presence Detection
- Innovative Control and Navigation

Features like tight product tolerances, haptic-on-demand, acoustical adaptation, high-reliability for ASIL rated units, environmental and process sealing, and mechanical or electrical interface integration are the core value of automotive switching, and C&K delivers these every day. C&K has been a premier supplier to the automotive industry for more than 50 years with a long history of innovation. By working closely with customers, C&K is able to offer application specific, engineer-to-engineer solutions that meet all design requirements fully PV and PPAP qualified to your specifications using AIAG standards.

SWITCH SOLUTIONS FOR ACCESS MANAGEMENT



- Keyfobs
- Door Latches
- Door Handles
- Tailgate Switches

SWITCH ASSEMBLIES AND CUSTOMER SPECIFIC SOLUTIONS



- Multi-function, Multi-axis Switching
- Integrating Switches and Electronics
- Decorative Solutions
- Feel and Sound
- Lighting
- Component Fabrication
- Connections
- Sealed Assemblies