



RCE-230 and RCE-710

Radially-Compliant Electric Deburring Tools



*RCE-710 Radially-Compliant
Electric Deburring Tool*

Product Description

ATI's Radially-Compliant Electric Deburring Tools are electrically-powered, automated material removal tools. In addition to built-in compliance, the RCE-230 and RCE-710 boast variable speed and robust components making them ideal for operations like rust and weld spatter removal, blending, polishing, and light grinding with the higher powered RCE-710 and deburring or edge-breaking with the higher speed RCE-230.

The Radially-Compliant Tool family can be sold as a package that includes the deburring tool itself, power and signal cables, and a compatible drive. The versatile and dynamic RCE series can perform a wide array of material removal tasks with hard tooling, brushes, flap wheels, unitized wheels, and a variety of other cutting, grinding, and polishing media.

Product Features & Benefits

Built-in adjustable compliance streamlines robot programming.

Powerful electric motor with variable speed enables a variety of applications.

Robust bearing and shaft designed for robotic use.

Maintains continuous torque for consistent processing.

Built-in radial compliance with single-axis lockout.

Specifications	RCE-230	RCE-710
Weight	3.75 lb (1.7 kg)	11.8 lb (5.4 kg)
Compliance Travel	0.28 in (7.1 mm)	0.20 in (5.1 mm)
Compliance Force	0.4-1.9 lbf (1.8-8.5 N)	2.5-18 lbf (11-80 N)
Speed Range	5,000-50,000 RPM	0-13,000 RPM
Air Connections	5/32 in (4 mm) tube	5/32 in (4 mm) tube
Collet	ER-11, 1/4 in std.	ER-11, 1/4 in std.

ATI reserves the right to change these specifications.

For more information, visit www.ati-ia.com/RCE.



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