

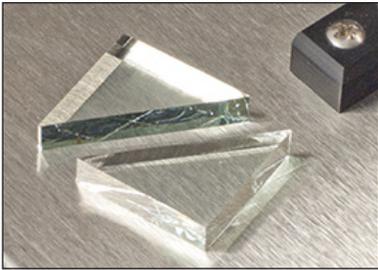
RMC Products

by Boeckeler®

RMC GKM Glass Knife Makers Take Guesswork out of Making Glass Knives

Glass knife edges need to be both extremely sharp and stable for use in cutting ultra-thin samples in ultramicrotomy. In addition, for labs making their own knives, the cutting needs to be repeatable and reliable. RMC Products by Boeckeler designed the GKM-2 glass knife maker to take the guesswork out of providing all of these qualities.

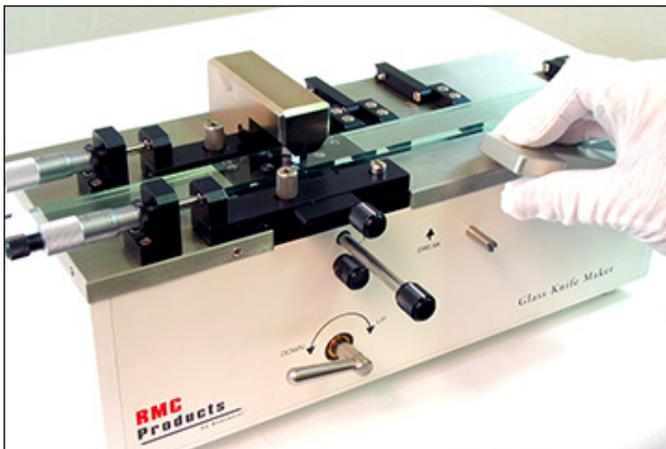
Utilizes Balanced Break Method: The GKM-2 is specifically designed to incorporate the “balanced break” method to produce more accurate knife edges. Balanced breaks require equal lengths of glass on each side of the score, along with a mechanism that applies equal load to each side, resulting in a straight break. The GKM-2 also makes it possible to achieve consistent “slow breaks” desired by many users.



Pressure Measuring Load Sensor with Digital Display:

The GKM-2 allows operators to control the load precisely through the constant feedback displayed on the digital readout as the clamping handle and breaking arm are adjusted. Such feedback enables the operator to consistently reproduce breaking pressures.

Precision Micrometers: The glass position on the GKM-2 is controlled using precision micrometers, enabling the repeatable adjustment of the final score.



The GKM-2 glass knife maker by RMC Products includes a digital readout that displays the load applied to glass as the breaking arm is moved.

Solid Design Glass Knife Maker: The GKM-2 is solidly designed, which eliminates vibrational issues and ensures a better quality knife that other knifemakers can't duplicate. Its rectangular shaped body is precision machined from solid metal components for long term stability and precision. It is designed to handle commercial glass strips ranging from 6 mm (1/4") to 12 mm (1/2") in thickness, with mechanical stops for producing precise 25 mm glass squares with ease. Micrometers provide precise and reproducible alignment of the 25 mm squares for diagonal breaks. The alignment is secured by a locking mechanism to maintain your desired setting.

Solid Support Second to None: Our team includes highly respected experts in sample preparation who are happy to share their knowledge with customers and the industry at large. We are also customer driven, and proud to uphold a reputation that offers lifetime support for each RMC product.

Links to Resources:

- [GKM-2 data sheet](#)
- [GKM-2 user guide](#)
- [GKM-2 web page](#)
- [RMC website](#)