

kbiosystems Sealing Series of automated and semi automated systems offer the ideal entry level automation laboratories require for a reliable, consistent plate and tube closing.

The Efly 2 unit is a semi automated heat applied micro plate and tube rack sealer. The unit uses pre cut sheets of surface modified aluminium or plastic film approx. 85mm wide and 130mm in length and then applied to the plate top surface to create the seal between plate and film. The sheets are manually placed upon the plate surface and a draw section pushed closed to actuate the sealing plate to apply a monitored time and temperature sealing action.



Offering complete versatility, the sealer Series will work with a wide range of plates, tube racks and custom applications shallow and deep well formats, and custom mouldings.

Our latest range of seals support polystyrene, polypropylene and CoC & CoP plate formats with a range of film substrates please contact us for further details.



Constant time and pressure lead the way in sealing techniques, kbiosystems developed the first fully automated production sealers way back in 1994 and still are considered the premier application specialist amongst users and integrators alike.

System operation is designed to efficiently apply a heat activated sealing film to a micro well plate or tube rack top surface, and by means of heat and time based variables apply the film to achieve the seal. The unit is electrically operate.



Key Features:

- Operator Friendly :** Easy to program for manual operator applications
- Versatile :** Able to use multiple plastic ware manufactures plates across applications.
- Reliable :** Engineered with robustness in mind

System Requirements:

- Electric:** The unit can handle both 110 / 220 VAC supplies but must be rated to min 6Amp
- Weight:** Approx. 8 kgs
- Dimensions:** 285mm L x 180mm W x 280mm H

	Efly 2
Heat Sealer ambient to 199°C	✓
Foil Seals	✓
Optical Seals	✓
Gas Permeable seals	✓
Manual pre cut and apply seals	✓
Multi voltage 110/220 VAC supply	✓
Plate height range 7 to 48mm	✓