

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 Kaps unit is an automated adhesive pressure applied micro plate and tube rack sealer. The unit uses a roll of surface modified aluminium or plastic film approx. 78 to 85mm wide and 200m long, the roll is positioned to the rear of the sealing section via a removable stand, using a total inline method the film is pulled through the main unit, cut to between 124mm and 130mm in length and then applied to the plate top surface to create the seal between plate and film.

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 motion 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 pressure activated sealing film to a micro well plate or tube rack top surface. By pulling and maintaining control of a reel of film cutting to the desired length and by means of variable pressure, motion and time based variables apply the film to achieve the seal. Having full waste management of the backing film this is a complete solution to application of adhesive and pressure based films. The unit is both pneumatically and electrically operated and hence will require both supplies to be readily available.

Key Features:

Operator Friendly :	Easy to program and operator and integrator friendly
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
Pneumatic:	The unit requires a supply rated to min 5.5bar max 6.5bar 50 litres per min.
Weight:	Approx. 15 kgs
Dimensions:	700mm L (811mm shuttle extended) x 370mm W x 453mm H (Inc.film)
Comms lead:	3m RS232 (3 wire 2,3 and 5 connection non twisted)
Comms driver:	Supplied with kbiosystems communication protocol

	KAPS
Pressure Adhesive Sealer up to 2 bar	✓
Foil Seals	✓
Optical Seals	✓
Crystallography seals	✓
Gas Permeable seals	✓
Automatic cut and apply seals	✓
Integration ready	✓
Auto link to Scorpion Stacker	✓
Plate height range 7 to 48mm	✓

000 «Диаэм»

Москва
ул. Магаданская, д. 7, к. 3 ■ тел./факс: (495) 745-0508 ■ sales@dia-m.ru

www.dia-m.ru

С.-Петербург
+7 (812) 372-6040
spb@dia-m.ru

Новосибирск
+7 (383) 328-0048
nsk@dia-m.ru

Воронеж
+7 (473) 232-4412
vrn@dia-m.ru

Йошкар-Ола
+7 (927) 880-3676
nba@dia-m.ru

Красноярск
+7 (923) 303-0152
krsk@dia-m.ru

Казань
+7 (843) 210-2080
kazan@dia-m.ru

Ростов-на-Дону
+7 (863) 303-5500
rnd@dia-m.ru

Екатеринбург
+7 (912) 658-7606
ekb@dia-m.ru

Кемерово
+7 (923) 158-6753
kemerovo@dia-m.ru

Армения
+7 (094) 01-0173
armenia@dia-m.ru

