

**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 COLD PRO 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.

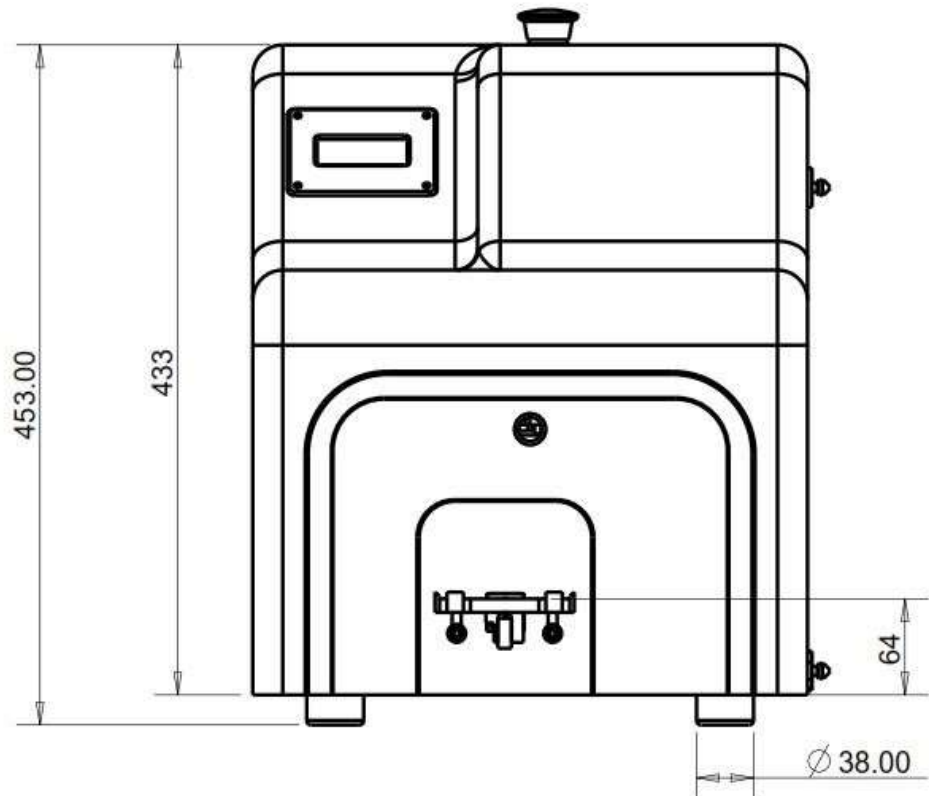
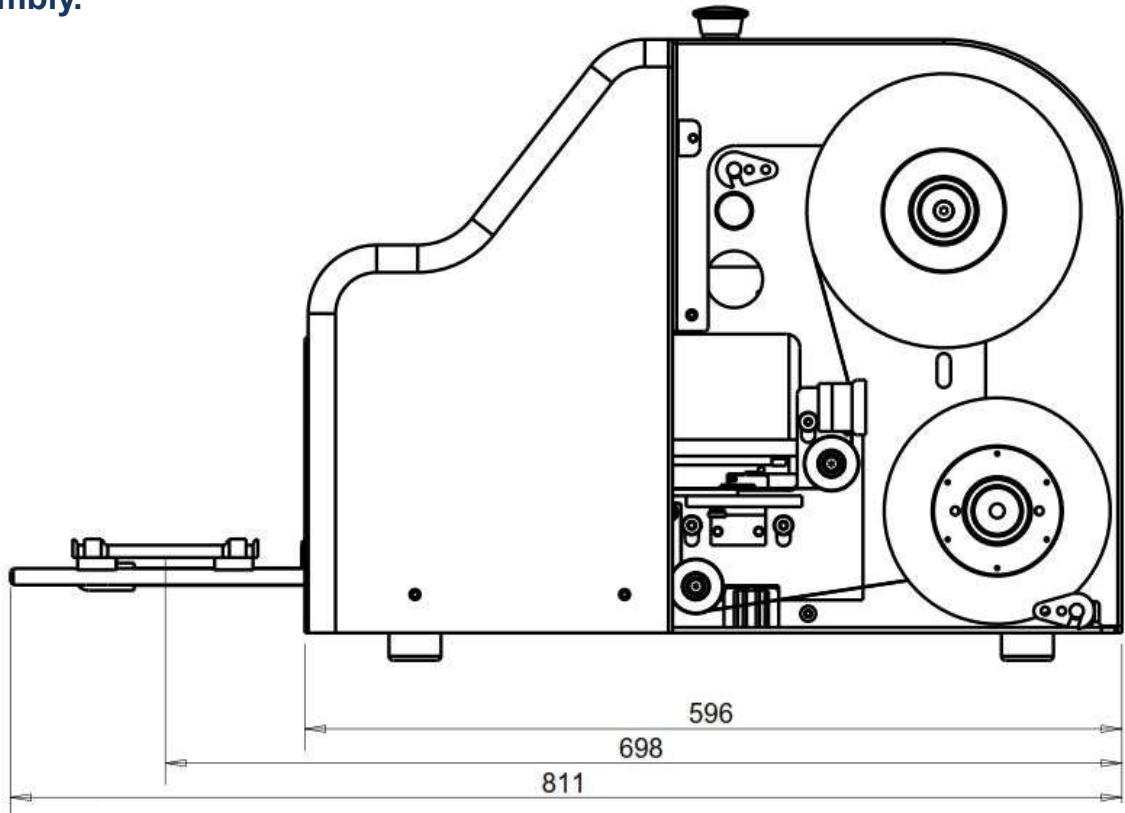
Constant motion and pressure lead the way in sealing techniques, kbiosystems developed the first fully automated production sealers way back in 1994 and still are considered the premier application specialist amongst users and integrators alike.

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.



Order Code: RBX-10081

General assembly.



### Key Features:

- Easy to program and operator and integrator friendly
- Able to use multiple plastic ware manufactures plates across applications. Engineered with robustness in mind
- Variable sealing pressure
- Variable number of sealing roll applications
- Foil and Optical Seals
- Gas Permeable seals
- Automatic cut and application of seals
- Auto link to Scorpion Stacker
- Plate height range 7 to 47mm

### Operational Requirements:

- 110 / 220vac, 50/60Hz, 6Amp socket outlet, system supplied with IEC lead
- The unit requires a supply rated to min 5.5bar max 6.5bar 75 litres per min.
- Weights Approx. <18 kgs
- 811mm(open) L x 370mm W x 453mm H (Inc. film roll)
- 3m RS232 (3 wire 2,3 and 5 connection non twisted)  
Supplied with API communication protocol