

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



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

Pierce heads are available in 96 or 384 formats with the option of precise pierce alignment format. Square or round well heads.

Also custom heads can be designed for such applications as breather holes for live specimens.



kbiosystems piercer Series range in size and throughput ability, offering the user the ability to step up from simple hand sealing low throughput to fully automated production style systems. Utilising both pressure applied and depth of pierce of seal. Allowing precise opening of your application needs. Sterilisation of pierce heads can also be accommodated if high levels of pierce QC is required



Constant pressure and depth lead the way in opening techniques, kbiosystems developed the first fully automated production piercers way back in 1998 and still are considered the premier application specialist amongst users and integrators alike.

With the on going development of all electric versions we now offer even more variety in application solutions to all process and operational requirements.

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:

- Sterilisation:** K pierce only offers auto head wash function
- Applications:** Opening plates utilising applied force and distance
- Data Control:** Direct integration via RS232 link
- Software:** Proprietary firmware and application driver with touch screen colour GUI
- Plate type:** All SBS footprint applications

	K-Pierce	E-Pierce	Pump station
Pierce 96 well	√	√	(N/A)
Pierce 384 well	√	√	(N/A)
Adjustable pierce depth	√	√	(N/A)
Wash pierce pins	√	X	√
Integration ready	√	√	(N/A)
Custom head design service	√	√	(N/A)
All Electric operation	X	√	
Plate height range 7 to 48mm	√	√	(N/A)