

## B & C Series

The B & C Series are the ultimate industry cell disrupters, with the power and processing ability to consistently disrupt the materials that you require.



### Power Rating

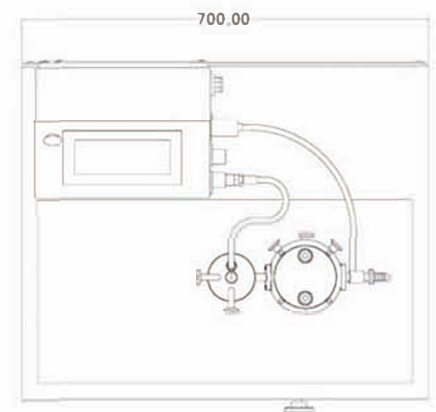
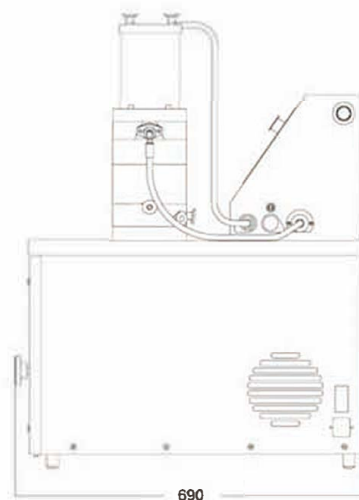
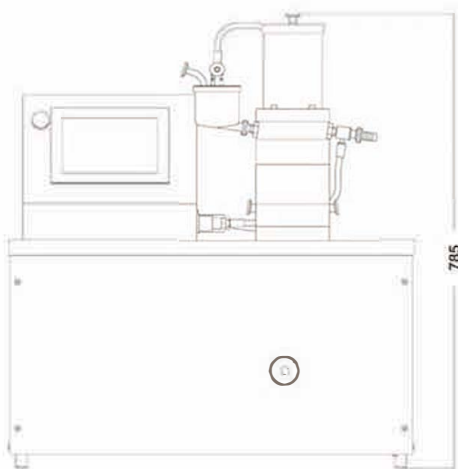
### Flow Rates vs Maximum Pressure

	40 KPSI (2700 bar)	30 KPSI (2000 bar)	20 KPSI (1350 bar)	15 KPSI (1000 bar)
<b>1.1 KW</b>	100ml/min	120ml/min	180ml/min	255ml/min
<b>2.2 KW</b>	190ml/min	240ml/min	300ml/min	310ml/min
<b>4 KW</b>	405ml/min	430ml/min	440ml/min	565ml/min

## B & C Series

- Incorporates our unique disruption head, precise hydraulic operating and control system with an automatically supplied, continuous flowing Cell Disrupter with CIP and SIP capability
- Disruption pressure easily and accurately set and displayed digitally with a range of 1KPSI through to 40KPSI as standard
- Cell Disrupter controls peristaltic process pump for automatic supply of sample. Process pump available on request
- Fully contained and having internal ports and drain ports to allow CIP and SIP
- The "B Series" allows the CIP and SIP to be manually operated
- The "C Series" includes all valves which can be tailored to customers requirements and validated
- Materials in contact with sample, 316L stainless steel or equivalent, synthetic sapphire, EPDM, GLFPTFE & PEEK 450G
- IQ/OQ available on request
- Various flow rates depending on maximum pressure and power rating
- Pressure consistent and stable during disruption cycle
- Temperature control and dimensions as per TS Series

**Validation:** Industry standard validations available on request



\*B Series Bench Top model shown