

TS Series Bench Top

TS Series Benchtops are the ideal pilot models and are versatile enough to adapt as your needs change.



Power Rating

Flow Rates vs Maximum Pressure

	40 KPSI (2700 bar)	30 KPSI (2000 bar)	20 KPSI (1350 bar)	15 KPSI (1000 bar)
0.75 KW	40ml/min	55ml/min	80ml/min	115ml/min
1.1 KW	100ml/min	120ml/min	180ml/min	255ml/min

TS Series Bench Top

- Incorporates our unique disruption head, precise hydraulic operating and control system with an automatically supplied, continuous flow Cell Disrupter
- Disruption pressure easily and accurately set and displayed digitally with a range of 1KPSI through to 40KPSI as standard
- Touch screen control of disruption cycle, automatic shut down when process complete
- Cell Disrupter controls peristaltic process pump for automatic supply of sample. Process pump available on request
- Disruption head mounted in stainless steel tray to avoid spillage
- Partial containment and simple externally controlled CIP
- Internal relief valve fitted for reverse flow of cleaning fluids
- Various flow rates are available depending on desired maximum pressure and power rating, alternative pressure heads available on request
- Pressure consistent and stable during disruption cycle
- Full bio-containment inlet and outlet options available upon request
- Materials in contact with sample, 316L stainless steel or equivalent, synthetic sapphire, EPDM, GLFPTFE & PEEK 450G
- IQ/OQ available on request

Temperature Control: Disruption head is surrounded by unique cooling jacket. Bath circulator or chiller is recommended.

