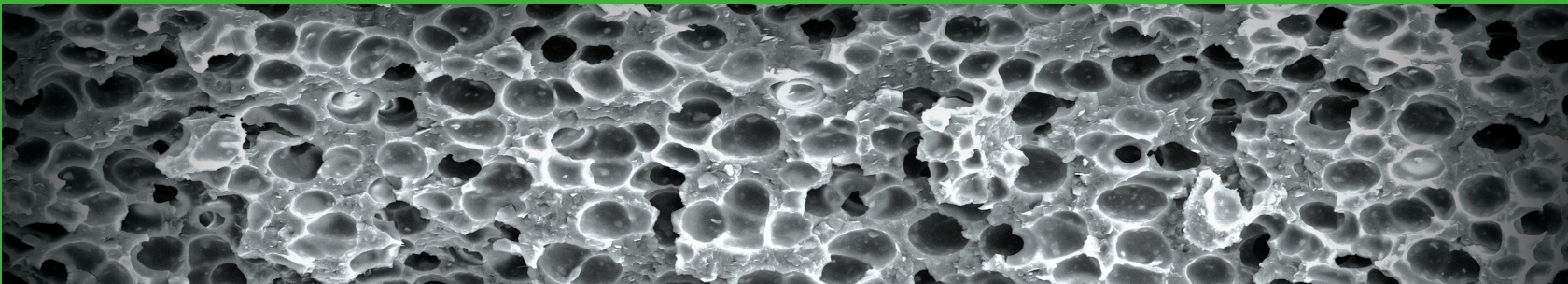


Series II SCF Delivery System

Equipment Data Sheet



The Trexel Series II SCF (Super Critical Fluid) Delivery System is a state-of-the-art gas delivery and dosing system, built to the most stringent industrial standards. The system is designed to convert gaseous CO₂ or Nitrogen into a super critical fluid. The Series II SCF precisely doses and injects the super critical fluid into the plastizing unit of the injection molding machine at a pressure of up to 4000 psi / 275 bar.

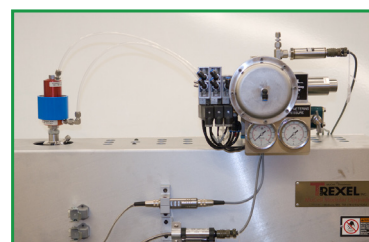
The Series II SCF Delivery System features a PLC control system with a multilingual touchscreen operator interface for standalone control operation or integration into one of Trexel's OEM injection molding machine suppliers. The scope of delivery further includes the MIK interface kit and the Injector, delivering the metered gas reliably and securely into the melt through the plastizing barrel.

Technical Data

Model	SII - S	SII - 10	SII - 30
N ₂ Max. Continuous Use Output Flow @ 4000-psi			
(lb./Hr.)	N/A	1.00	3.00
(Kg./Hr.)	N/A	0.45	1.36
CO ₂ Max. Continuous Use Output Flow @ 4000-psi			
(lb./Hr.)	N/A	1.80	5.00
(Kg./Hr.)	N/A	0.82	2.27
Minimum Supply Pressure			
(psi)	200		
(bar)	13.8		
Maximum Supply Pressure			
(psi)	2900		
(bar)	200		
Overall Dimensions			
(inch)	24W x 51H x 27D		36W x 51D x 27D
(cm.)	61W x 130H x 61D		91W x 130D x 69D
Weight			
(lb.)	300	465	515
(kg.)	136	211	234
Required Utilities Electricity to System	230/110 VAC, 1 ϕ , 50/60 Hz		
Air Flow to System	5 SCFM (1141 NLM)	60SCFM (2266 NLM)	
Air Pressure to System	90-psi (6.2 bar) Minimum 150-psi (10.4 br) Maximum		



SCF Delivery System



MIK Interface Kit and Injector