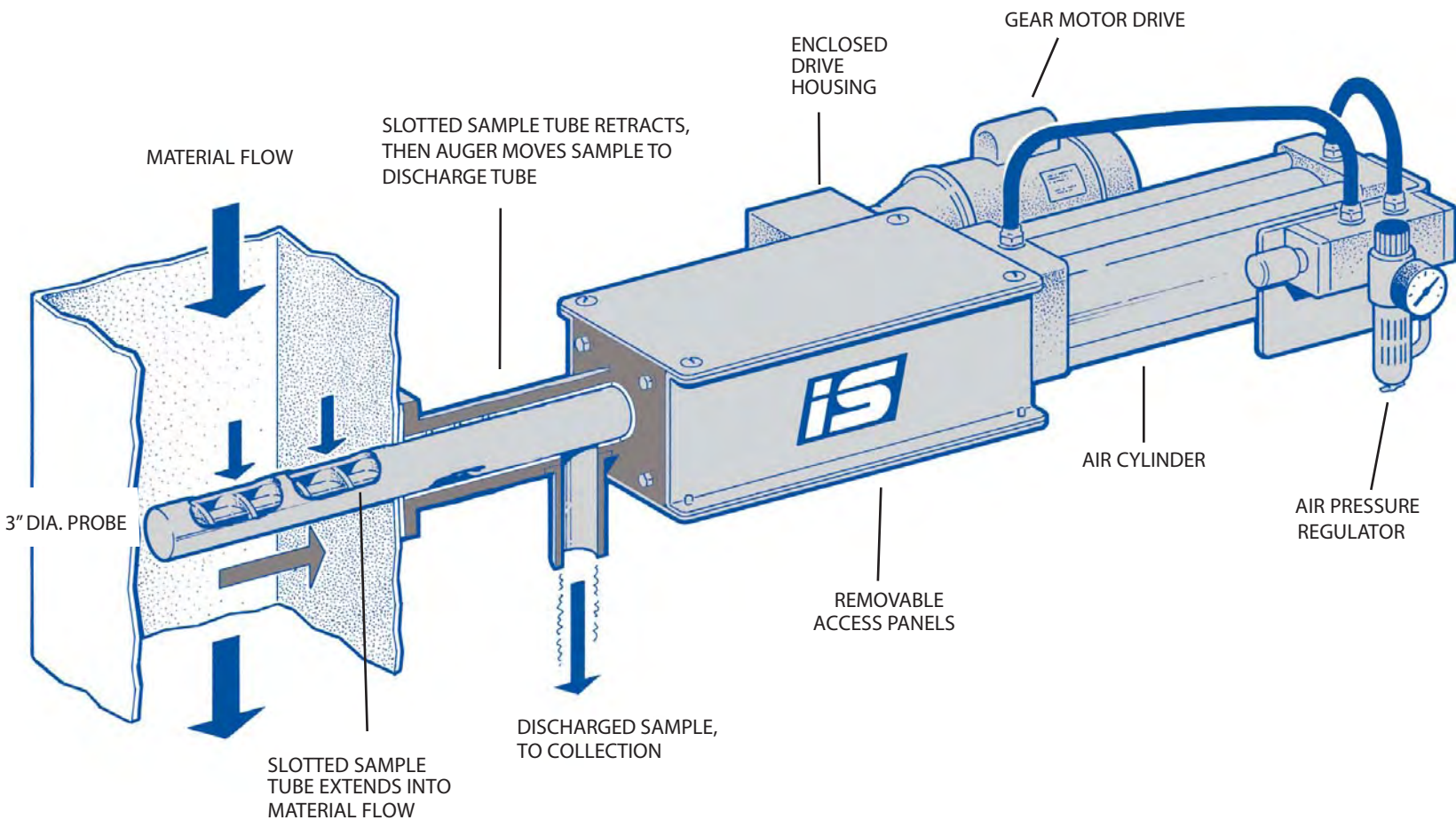


INTERSYSTEMS INDUSTRIAL SAMPLERS

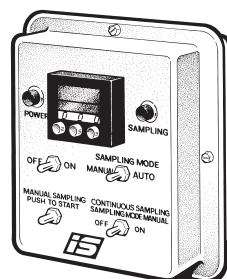


HD-PP

An industrial sampler for free-flowing materials ranging from microscopic powders to large granules and pellets, heavy viscosity liquids with acid suspensions. Collects accurate samples from gravity or pneumatic conveying systems (positive or negative, dense or dilute phase). May be mounted in vertical or horizontal lines, spouts or chutes. When activated, sample tube extends into the product stream and collects a sample. Sample tube then fully retracts, seals the line and eliminates product stream obstruction. Close tolerance auger then moves the sample to the discharge and provides excellent product clean-out. Standard construction: aluminum seal housing with Teflon seals, stainless steel sample tube and stainless steel machined and polished auger. Other construction materials available as required by application.

CONTROLS

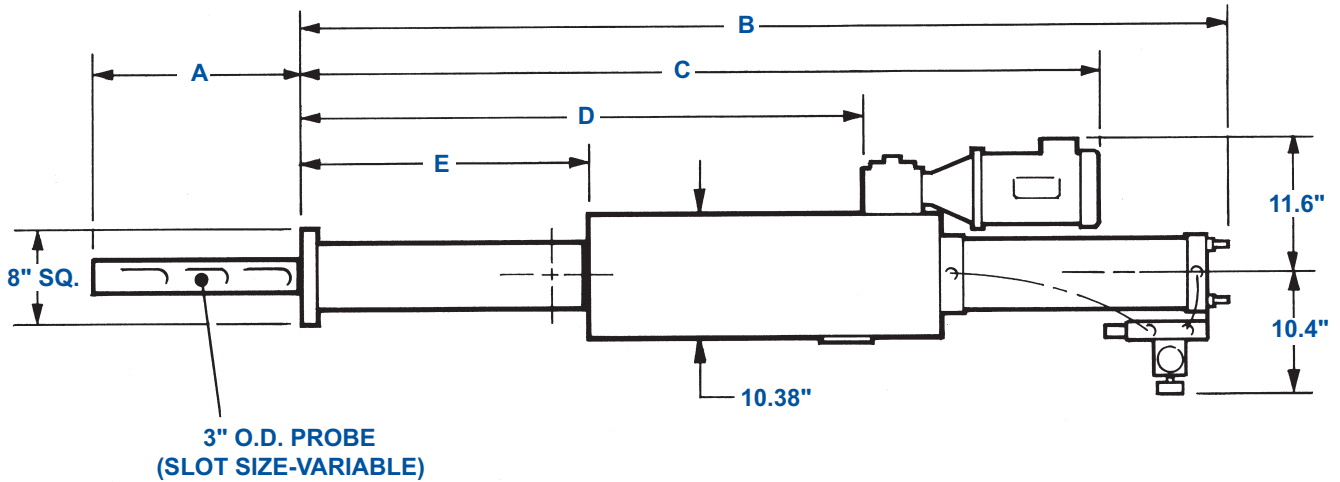
InterSystems control packages are available to suit any sampling control application. The standard units allow manual and automatic sampling modes and contain all the essential components to adjust and control the timing of sampling operations. These units can handle a wide variety of voltages and frequencies and can be constructed for most environments.



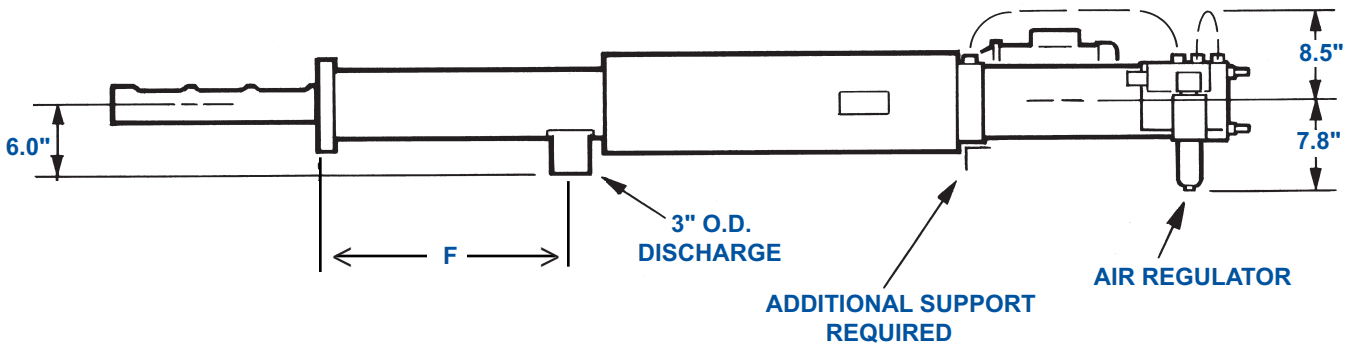
POWER REQUIREMENTS

Electric: 110V single phase.
Pneumatic: 80 to 100 PSI.

TOP VIEW



SIDE VIEW



AIR CONSUMPTION @ 100 PSI

SAMPLER SIZE	A	B	C	D	E	F	AIR CONSUMPTION @ 100 PSI		WEIGHT
							SCFM PER SAMPLE	MAXIMUM SLOT SIZE	
HD-PP-6	6.0	43.31	44.12	24.0	12.5	9.44	1.23	1-1/2 x 3	280
HD-PP-8	8.0	49.31	48.12	28.0	14.5	11.44	1.64	1-1/2 x 5	295
HD-PP-10	10.0	55.31	52.12	32.0	16.5	13.44	2.05	(2) 1-1/2 x 3-1/4	310
HD-PP-12	12.0	61.31	56.12	36.0	18.5	15.44	2.46	(2) 1-1/2 x 4-1/4	325
HD-PP-14	14.0	67.31	60.12	40.0	20.5	17.44	2.87	(2) 1-1/2 x 5-1/4	340
HD-PP-16	16.0	73.31	64.12	44.0	22.5	19.44	3.28	(3) 1-1/2 x 4	355
HD-PP-18	18.0	79.31	68.12	48.0	24.5	21.44	3.69	(3) 1-1/2 x 4-5/8	370

SPECIFY DIRECTION OF MATERIAL FLOW

- DOWN FLOW
- UP FLOW
- RIGHT TO LEFT FLOW
- LEFT TO RIGHT FLOW

US MEASURES (INCHES, POUNDS OR GAUGES)



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