

064-63

## FLOW DATA

DOCUMENT No. 642

Tube Number: 064-63(GL,SA,ST,CA,TA)  
Units : std ml/min

Metering Temperature: 70 deg.F  
Metering Pressure : 14.70 psia

STD. Conditions: 1 atmos @ 70 deg.F  
Tolerance :  $\pm 2\%$  F.S.

## SCALE READINGS AT CENTER OF FLOAT

Float Material:		Glass (GL)	Sapphire (SA)	Stainless Steel (ST)	Carboloy (CA)	Tantalum (TA)
Float Density :		2.53 g/ml	3.98 g/ml	8.04 g/ml	14.98 g/ml	16.58 g/ml

  

A I R		Scale Readings	Flow [ml/min]	Scale Readings	Flow [ml/min]	Scale Readings	Flow [ml/min]	Scale Readings	Flow [ml/min]	Scale Readings	Flow [ml/min]
		65 ---	21969	65 ---	28518	65 ---	41289	65 ---	58348	65 ---	61299
		60 ---	20535	60 ---	26292	60 ---	38443	60 ---	53751	60 ---	56445
		55 ---	18782	55 ---	24142	55 ---	35240	55 ---	49064	55 ---	51339
		50 ---	17112	50 ---	21940	50 ---	31814	50 ---	44650	50 ---	46686
		45 ---	15326	45 ---	19843	45 ---	28820	45 ---	40322	45 ---	42086
		40 ---	13626	40 ---	17579	40 ---	25804	40 ---	36102	40 ---	37859
		35 ---	11827	35 ---	15498	35 ---	22656	35 ---	32003	35 ---	33491
		30 ---	10240	30 ---	13362	30 ---	19517	30 ---	27617	30 ---	28863
		25 ---	8540	25 ---	11195	25 ---	16372	25 ---	23283	25 ---	24367
		20 ---	6933	20 ---	9105	20 ---	13198	20 ---	18883	20 ---	19725
		15 ---	5261	15 ---	7044	15 ---	10477	15 ---	14797	15 ---	15422
		10 ---	3747	10 ---	5046	10 ---	7570	10 ---	10967	10 ---	11609
		5 ---	2023	5 ---	3072	5 ---	4705	5 ---	6292	5 ---	6688

  

W A T E R		Scale Readings	Flow [ml/min]	Scale Readings	Flow [ml/min]	Scale Readings	Flow [ml/min]	Scale Readings	Flow [ml/min]	Scale Readings	Flow [ml/min]
		65 ---	530	65 ---	811	65 ---	1297	65 ---	1895	65 ---	2000
		60 ---	513	60 ---	746	60 ---	1198	60 ---	1744	60 ---	1839
		55 ---	467	55 ---	682	55 ---	1096	55 ---	1589	55 ---	1670
		50 ---	423	50 ---	618	50 ---	987	50 ---	1444	50 ---	1516
		45 ---	376	45 ---	556	45 ---	891	45 ---	1301	45 ---	1364
		40 ---	332	40 ---	490	40 ---	795	40 ---	1161	40 ---	1224
		35 ---	285	35 ---	429	35 ---	694	35 ---	1026	35 ---	1079
		30 ---	243	30 ---	366	30 ---	594	30 ---	881	30 ---	925
		25 ---	199	25 ---	302	25 ---	494	25 ---	738	25 ---	776
		20 ---	157	20 ---	241	20 ---	392	20 ---	592	20 ---	621
		15 ---	114	15 ---	181	15 ---	305	15 ---	456	15 ---	478
		10 ---	76	10 ---	123	10 ---	213	10 ---	329	10 ---	351
		5 ---	35	5 ---	68	5 ---	123	5 ---	176	5 ---	189

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