

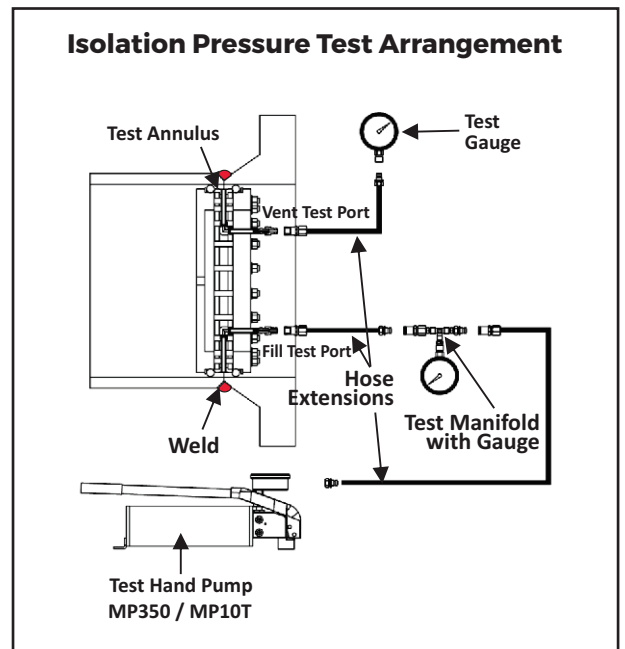
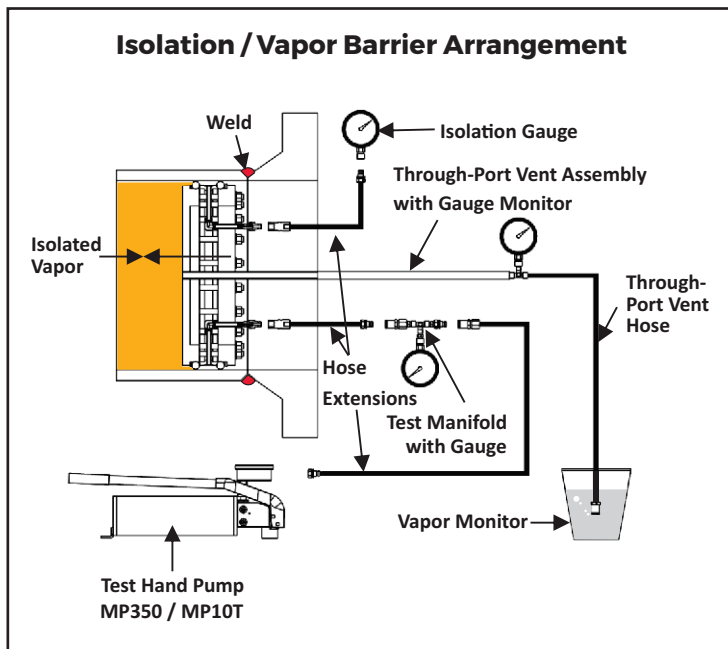
MECHANICAL ISOLATION AND TEST TOOLS PITT SERIES



The POWERMASTER Mechanical Isolation and Test Tool (PITT) serves a dual function, offering a secure, dependable, and economical solution for the localized isolation and pressure testing of piping systems. When correctly installed and operated, the PITT establishes a positive vapor barrier, enabling safe hot work operations, while also confirming the integrity of newly welded or formed joints through pressure testing.

Features :

- The Combination Isolation and Test Tool provides vapor-free isolation for hot work and is designed to handle high pressure testing between seals for weld assessments using a single tool.
- Multi-schedule functionality – accommodates up to six schedules per tool, with 40 tools covering 154 combinations of pipe diameters and schedules.
- Lightweight, compact, and adaptable design – eliminates the need for a crane, can be mounted in elbows and tees, and is capable of testing mismatched schedules.
- High-pressure testing capability – facilitates weld assessments with relative ease at pressures up to 4500 psi.
- Self-centering tools are designed for user-friendliness and require minimal training for operation.



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Specifications:

Nominal Pipe Diameter (in)	Model Number	Pipe Schedules Cover	Max Tool pressure Rating psi (Bar)	Tool Body Diameter in (mm)	Overall Length in(mm)	Stud Nut Washer Size in	Pressure Port Size NPT	Weight lbs(kg)
¾	PITT075A	5, 10, STD/40	4500 (310)	0.7 (18)	14 (356)	1/8"	Female 1/8"	1.5 (0.7)
	PITT075B	XS/80, 160	4500 (310)	0.6 (15)	14 (356)	1/8"	Female 1/8"	1.5 (0.7)
1	PITT1A	5, 10, STD/40	4500 (310)	0.9 (23)	14 (356)	1/8"	Female 1/8"	2.0 (0.9)
	PITT1B	XS/80, 160	4500 (310)	0.7 (18)	14 (356)	1/8"	Female 1/8"	1.5 (0.7)
1¼	PITT125A	5, 10, STD/40, XS/80	4500 (310)	1.1 (29)	14 (356)	¼"	Female 1/4"	2.9 (1.3)
1½	PITT150A	5,10,XS/80	4500 (310)	1.4 (35)	14 (356)	¼"	Female 1/4"	4.2 (1.9)
	PITT150B	160	4500 (310)	1.1 (28)	14 (356)	¼"	Female 1/4"	3.0 (1.5)
2	PITT2A	5,10,STD/40, XS/80	4500 (310)	1.8 (46)	14 (356)	¼"	Female 1/4"	5.3 (2.4)
	PITT2B	160,XXS	4500 (310)	1.5 (37)	14 (356)	¼"	Female 1/4"	4.4 (2.0)
3	PITT3A	5,10, STD/40, XS/80	4500 (310)	2.8 (71)	7 (178)	3/8"	Male 1/8"	5.5 (2.3)
	PITT3B	160,XXS	4500 (310)	2.2 (57)	7 (178)	3/8"	Male 1/8"	4.8 (2.0)
4	PITT4A	5,10,STD/40,60,XS/80	4500 (310)	3.7 (94)	7 (178)	5/16"	Male 1/8"	4.2 (2.5)
	PITT4B	120,160	4500 (310)	3.2 (81)	7 (178)	5/16"	Male 1/8"	4.8 (2.2)
	PITT4C	XXS	4500 (310)	3.0 (77)	7 (178)	5/16"	Male 1/8"	4.2 (1.9)
6	PITT6A	10,STD/40,60	4500 (310)	5.7 (145)	7 (178)	5/8"	Male 1/4"	13.0 (5.9)
	PITT6B	XS / 80,120	4500 (310)	5.4 (137)	7 (178)	5/8"	Male 1/4"	11.9 (5.4)
	PITT6C	160,XXS	4500 (310)	4.8 (122)	7 (178)	5/8"	Male 1/4"	9.9 (4.5)
8	PITT8A	10,20,30,STD/40,XS/80	4500 (310)	7.4 (189)	7 (178)	5/8"	Male 1/4"	18.9 (8.6)
	PITT8B	100,120,140,XXS,160	4500 (310)	6.6 (168)	7 (178)	5/8"	Male 1/4"	16.1 (7.3)
10	PITT10A	20,30,STD/40,XS/60,80	4500 (310)	9.4 (238)	7 (178)	5/8"	Male 1/4"	29.0 (13.2)
	PITT10B	100,120,XXS/140,160	4500 (310)	8.4 (213)	7 (178)	5/8"	Male 1/4"	24.9 (11.3)
12	PITT12A	10,20,30,STD,40,XS	4500 (310)	11.6 (294)	7 (178)	5/8"	Male 1/4"	42.9 (19.5)
	PITT12B	60,80,100,XXS/120	4500 (310)	10.7 (272)	7 (178)	5/8"	Male 1/4"	40.9 (18.6)
	PITT12C	140,160	4500 (310)	9.8 (248)	7 (178)	5/8"	Male 1/4"	31.9 (14.5)
14	PITT14A	10,20,STD/30,40	4500 (310)	12.8 (324)	7 (178)	5/8"	Male 1/4"	44.9 (20.4)
	PITT14B	XS,60,80	4500 (310)	12.8 (324)	7 (178)	5/8"	Male 1/4"	42.0 (19.1)
	PITT14C	100,120,140,160	4500 (310)	11.1 (283)	7 (178)	5/8"	Male 1/4"	37.8 (17.2)
16	PITT16A	10,20,STD/30,XS/40,60	4500 (310)	14.6 (372)	7 (178)	5/8"	Male 1/4"	53.9 (24.5)
	PITT16B	80,100	4500 (310)	13.5 (344)	7 (178)	5/8"	Male 1/4"	48.0 (21.8)
	PITT16C	120,140,160	4500 (310)	12.8 (324)	7 (178)	5/8"	Male 1/4"	44.9 (20.4)
18	PITT18A	10,20,STD,30,XS,40	4500 (310)	16.5 (419)	7 (178)	5/8"	Male 1/4"	63.8 (29.0)
	PITT18B	60,80	4500 (310)	15.7 (400)	7 (178)	5/8"	Male 1/4"	59.8 (27.2)
	PITT18C	100,120	4500 (310)	14.9 (378)	7 (178)	5/8"	Male 1/4"	54.8(24.9)
	PITT18D	140,160	4500 (310)	14.1 (357)	7 (178)	5/8"	Male 1/4"	51.9 (23.6)
20	PITT20A	10,STD/20,XS/30	4500 (310)	18.9 (480)	7 (178)	5/8"	Male 1/4"	79.9 (36.3)
	PITT20B	40,60	4500 (310)	18.0 (457)	7 (178)	5/8"	Male 1/4"	72.8 (33.1)
	PITT20C	80,100	4500 (310)	17.0 (433)	7 (178)	5/8"	Male 1/4"	66.9 (30.4)
	PITT20D	120,140	4500 (310)	16.1 (410)	7 (178)	5/8"	Male 1/4"	60.9 (27.7)
	PITT20E	160	4500 (310)	15.7 (399)	7 (178)	5/8"	Male 1/4"	59.8 (27.2)
22	PITT22A	STD,XS	4500 (310)	20.6 (524)	7 (178)	5/8"	Male 1/4"	88.9 (40.4)
	PITT22B	60,80	4500 (310)	19.4 (492)	7 (178)	5/8"	Male 1/4"	80.7 (36.7)
	PITT22C	100,120	4500 (310)	18.4 (467)	7 (178)	5/8"	Male 1/4"	74.8 (34.0)
	PITT22D	140,160	4500 (310)	17.4 (441)	7 (178)	5/8"	Male 1/4"	68.9 (31.3)
24	PITT24A	10,STD/20,XS,30	1146 (79)	22.6 (575)	7 (178)	5/8"	Male 1/4"	98.8 (44.9)
	PITT24B	40,60	2248 (155)	21.7 (551)	7 (178)	5/8"	Male 1/4"	93.7 (42.6)
	PITT24C	80,100	3365 (232)	20.6 (522)	7 (178)	5/8"	Male 1/4"	87.8 (39.9)
	PITT24D	120,140	4500 (310)	19.5 (495)	7 (178)	5/8"	Male 1/4"	81.8 (37.2)
	PITT24E	160	4500 (310)	18.9 (480)	7 (178)	5/8"	Male 1/4"	79.9 (36.3)