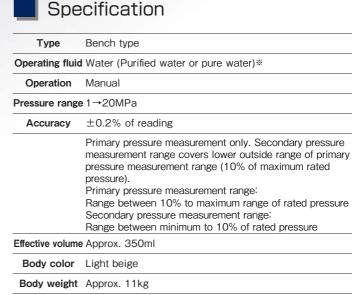
PD27 Water Type Deadweight Tester



Features

- This is the small and lightweight deadweight tester designed with piston pressurization.
 Two pressure connections are available for conducting simultaneous two tests. (Single test available by operating valve)
- ·Clear tank enables to see tank remaining level and the dirt of water.
- •Piston and cylinder are precisely fabricated. Operating media is water with less viscosity so that stable and high sensitive measurement are possible.
- Less piston area and weight as compared to conventional deadweight tester. (1/2 of oil type)
 There is no need to prepare for "Tank siphon" even when use no oil pressure gauge should be tested.
 Standard pressure tester can be utilized for measurement.
- •The pressure gauge can be easily mounted and dismounted from the mounting base with the quick fastening nut.
- •NKS Inspection Certificate and Pressure standard Inspection available.

Deadweight composition

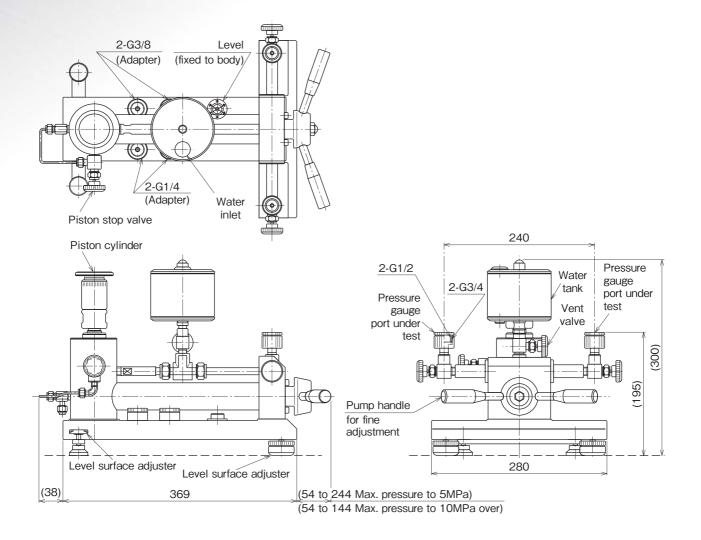


*1 Purified water ·····Purified water by distillation, ionic exchange, super-filtration or combination of them. Without pollution or bacterium (Japanese Pharmacopoeia) Pure water·······Refined by ionic exchange, super-filtration or combination of them.

			Effective	Deadweight MPa												
Max.	Min.	Smallest graduation	sectional area	Piston			Number of weights by value									
IVIAA.	IVIII I.			0.05	0.1	0.2	0.005	0.01	0.02	0.05	0.1	0.2	0.5	1	2	Total
1		0.005		1	—	—	1	1	2	2	8	—	—	—	—	1.005
2	0.05	0.01	1/4	1	—	—	_	1	2	2	2	8	—	—	—	2
3	0.05	0.01	1/4	1	—	—	_	1	2	2	2	1	5	_	—	3.1
5		0.05		1	—	_	_	—	—	1	2	1	9	_	—	5
10	0.1	0.05	1/8	_	1	_	—		—	1	2	1	1	9	—	10.05
20	0.2	0.05	1/0	_	1	_	—	_	—	1	2	1	1	3	8	20.05

PD27 Water Type Deadweight Tester

Dimensions



ACCESSORIES & OPTIONS

		Mountir	ng base	Spare parts, tools, accessories												
	Model Connectio	Connection	Connecting		Ada	pter		O-ring and Piston		Wrench and other	Case (option)					
		Connection	method	G1/4	G3/8	G1/2	G3/4	gasket	Gasket	tools	Carrying case	Weight box				
	PD27	Adapter	Quick fastening nut	2	2	_	_	P7-10	_		1	_				

PD27 Water Type Deadweight Tester

	Model	num	ber	confi	gura	tion	Ple	ase sp	ecify th	ne mod	lel num	iber, ea	ach spe	ecs and	d the ra	ange fc	or order	ing.				
	N	lodel		_							_	_	_		_							
	ΡΟ) 2	7		Μ	0	1	—			1				\times	\times	\times	×	×			
Deadw	eight typ	e press	sure st	tandaro	1	2	3	-	4	(5)	6	7	8	9	10	11	(12)	(13)	(14)	(15)		
	Model number								Prod	uct sp	ecifica	ations	Addi	tional	specif	ication	is (Opt	ional)				
	① M Units					MPa	MPa															
			② Accu	iracy		0	±0.2	2%0.R.														
						(4)			1	1 1												
				essure ra			ure rar	nge	2													
				re along ering co			(MPa)			-	3											
					,					5 10												
									5 6	20												
							(5)		-										7)Weig	ht box		
							~	lweight	finish	3	Ni pla	ating+C	Carrying	case					0			
										4	Ni pla	ating+C	Carrying	case+	Weight	box			1 to	6		
								6 Carry	ving cas	e	1	With	carryin	g case	(Standa	ard)						
									7			0	Not r	equired								
									Weig	ht box		1 With case for 1MPa 2 With case for 2MPa 3 With case for 3MPa										
												3			or SMPa or SMPa							
												5	-		or 10M	-						
												6			or 20M							
										⑧ Pres	sure sta	andard	1			ndard i ±0.2%	nspecti 0.R.)	on				
										inspe	ection / fication	/	4			ertificat certific	te, ate (NC	SS)				
											9			0	Not r	equired						
											Other spec.	r additio	onal	1	Oth	cify requi	ired addi than " pose o	SI"	pecs belo	ow)		
											(15)			0	Not r	equired						
;	Specify	code "	X" to r	efer N∕	Ά.						Docu	ments		1	Dat Inst Insp	uments a asheet ruction pection	available (Drawir manua proced	ng / Sj I ure	equest) pecificat	tions)		

Documents

Specify "Document name" when required

Document name	Applicable document	Explanation				
	Certificate of calibration and inspection for pressure standard used for inspection (Copy)	Copy of certificate that pressure gauge or pressure standard used for the inspection is traceable to National Secondary Standard owned by qualified company.				
Additionally available traceability certificate	JCSS certificate of calibration (Copy)	Copy of certificate of working standard that the working standard is traceable to National Secondary Standard owned by qualified company.				
	jcss test report (Copy)	Copy of certificate of National Secondary Standard that the National Secondary Standard owned by qualified company is traceable to National Standard.				

Traceability Chart of Measurement Standard

