

Valhalla Scientific BCS Series vs. Tanita BC-418

PARAMETERS	VALHALLA SCIENTIFIC BCS SERIES			TANITA BC-418
	BCS-1	BCS-2	BCS-3	
Max. Weight	700 Lbs.			440 Lbs.
Weight Accuracy	±0.1lbs			±0.4lbs at Initial Calibration
Average learning curve to learn how to use the scale properly	Two Tests Or Two minutes			There are so many variables of subjective nature that it could takes weeks to learn how to properly interview a subject in order to receive accurate results
Body-Fat Range	1.5%-85%			1%-75%
Test Current	500uA at 50KHz			500uA at 50KHz
Body fat reading accuracy	+/- 3.5 %	+/- 2.0 %	+/- 2.0 %	+/- 2.0 % of H ₂ O Method
	of hydrostatic weighing (with NIST Traceability)			
Weighing Method	Strain gage Load Cell			Strain Gage Load Cell
Measurement contact points	Hand to Hand Keep shoes on	Bare feet	Bare feet	Bare feet
Printout	Personalized Printout 5-Page, Full Color, 8.5 x 11 (see sample printout on home page)			Thermal Roll
Data Input	Objective			Subjective
	Age-Gender-Height			Body Type and Activity level Athletic or Non-athletic
Repeatability	98.5%	99.4%	99.4%	Not specified
Power	115 VAC			115VAC Adapter
Field Portable	Yes			Yes
Pre-test requirements for accurate results	none			No exercise, no menstruation within 2-3 days of test, complete interview to determine body type and workout intensity level.
Printer	Ink-Jet			Thermal (Roll)
Repeatability of body fat results 2 to 5 days after a body comp test	+/- 1.2%			If pre-test conditions are not met the change in the percent of body fat can increase or decrease by 5-7%