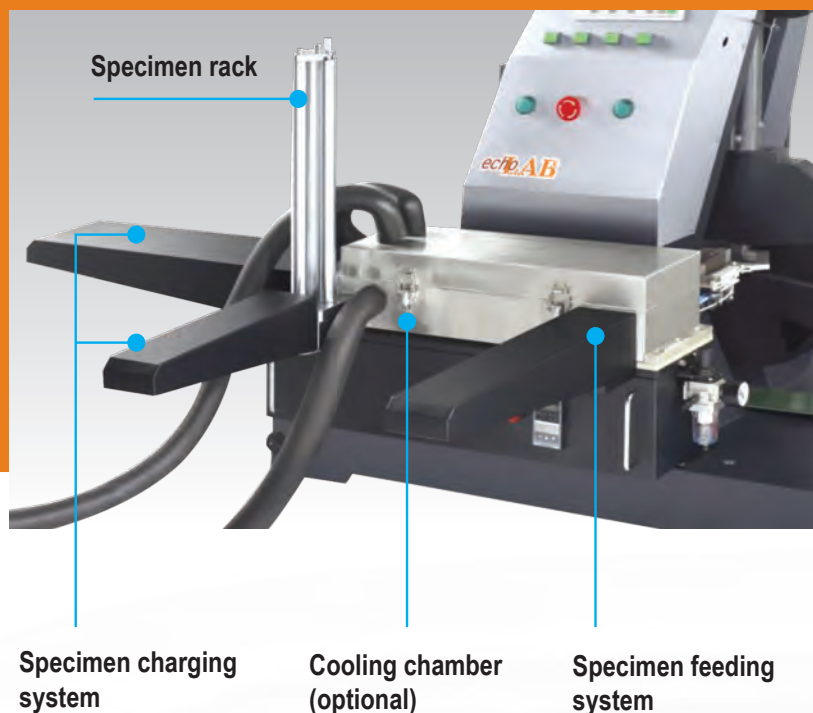


Automatic specimen
feeding system

Automatic specimen feeding system

- ITM-S and ITM-MP series can be upgraded with two types of automatic specimen feeding systems, AFS100 with capacity to test 40 specimens and ASF180 with capacity to test 12 specimens.
- Systems can be connected also with three types of automatic cooling chambers



- 1) Specimens rack can accommodate 40 or 12 specimens
- >2) When used in combination with low temperature chamber, the charging system automatically place the specimen from the rack to cooling chamber and, after set temperature will be reached, take out the sample and placing to the anvil
- >3) Specimen positioning system automatically center the specimen automatically. After striking, the pendulum automatically rises to starting position for the next impact test, meanwhile the broken specimen is tacked out by the collection and filtering device.

The time of automatic test cycle, including the cooling process, is around to 10 seconds.

Automatic cooling chamber

Model		ACS60	ACS100	ACS180
Suitable for automatic feeding system model	-	AFS100	AFS100	AFS180
Temperature range	°C	From environmental to -60	From environmental to -100	From environmental to -180
Cooling method	-	Double-stage compressor	Liquid Nitrogen	Liquid Nitrogen
Temperature control accuracy	°C	±1		
Temperature fluctuation	°C	±2		
Specimen accommodation	pc	40	40	12
Specimen feeding time	s	3		
Specimen dimensions	mm	55x10x10		
		55x10x7.5		
		55x10x5		
Air supply	MPa	0.4-0.7		
Flow rate	l/min	≥30		



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