

ATGACO

Oil Analysis Instruments

New

FOUR-BALL WEAR AND EXTREME PRESSURE TEST MACHINE

ATGA-FB-I

🔥 **Standard Method:** ASTM D2266 - ASTM D4172
ASTM D2783 - ASTM D2596

🔥 **Technical Specifications:**

- Dead weight and mechanical lever, 800 kg max.
- 1200 r.p.m for Four ball wear test and 1760 r.p.m for Four ball extreme pressure test with speed conversion option
- Temperature control: up to 200°C
- Test duration: 1 second to 999 hours (Analogue Programmable Timer)
- Friction measurement
- Dimensions: 1.9*1.2*1 m
- Weight: 85kg
- Voltage: 220V±10%, frequency: 50Hz±1Hz
- Working temperature: 5~35°C, humidity: 35%-95%

🔥 **Accessories:**

- 2.2 KW motor with speed indicator controller(1000 to 1800 r.p.m)
- Temperature sensor PT100, Heater assembly (200° C max)
- Mechanical Loading System(lever arm and weight hanger) 800 kg max
- Ball Cup Assembly and Fixtures
- Ball Cup with Thermocouple
- Ball Chuck
- Ball Cup Tightening Base
- Ball Cup Disk Adapter
- 2.5-11 N.m & 12-68 N.m Torque Wrench
- Emergency Stop Switch



🔥 Consumables:

- Balls conform to ASTM D2596 and ASTM D2783, AISI E 52100 steel (Made in USA)

- **SIMPLE WORKING**
- **MEASURE FOUR BALL WEAR AND EXTREME METHOD TEST TOGETHER**
- **HIGH ACCURACY AND SAFETY**

🔥 Spare part list:

Item	Part Number	Description
1	ATGAFB -110	Electro motor, 3PH, 220V, 50HZ, 2.2KW, 1470 r.p.m
2	ATGAFB -111	Heater 150 W
3	ATGAFB -112	Speed controller
4	ATGAFB -113	Analogue Timer
5	ATGAFB -114	r.p.m adjustment volume
6	ATGAFB -115	Temperature sensor PT100
7	ATGAFB -116	On/Off switch
8	ATGAFB -117	Emergency stop switch
9	ATGAFB -118	Temperature controler
10	ATGAFB -119	Chucklet wrench
11	ATGAFB -120	Torque wrench 2.5 - 11 N.m
12	ATGAFB -121	Torque wrench 12 - 68 N.m
13	ATGAFB -122	Ball chuck
14	ATGAFB -123	Ball chuck holder
15	ATGAFB -124	Ball cup Thermocouple
16	ATGAFB -125	Balls conform to ASTM D2596 and ASTM D2783, AISI E 52100 steel (made in USA)

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