



HBM
Machines

10190

**HBM Digitaal Remvloeistoftester Kookpunttester Voor
DOT3, DOT4, DOT5, DOT5, DOT5.1, Super DOT4**

- SUPER DOT4 brake fluid reference available
- Step by step guide line on screen
- Wrong polarity connection protection
- Grosse neck probe provides flexibility of test
- Brake fluid type DOT3, DOT4, DOT5, DOT5.1
- SUPER DOT4
- Boiling point: 100°C ~ 180°C (212°F ~ 356°F) ± 3%
- Power: 12V DC
- Test time: 80-90s
- Alarm mode sound
- Working temperature: 0°C ~ 50°C
- Storage temperature: -10°C ~ 50°C



CE







Various types of brake fluid Quick check

Suitable for testing different types of brake fluid and antifreeze

DOT3

DOT4

SUPER DOT4

DOT5

DOT5.1



Brake fluid boiling point

Brake Fluid Type	Dry (Fully new fluid)	Wet (Use Fluid)
DOT3	205°C/401°F	140°C/284°F
DOT4	230°C/446°F	155°C/311°F
SUPER DOT4	230°C/446°F	155°C/311°F
DOT5	260°C/500°F	180°C/356°F
DOT5.1	270°C/518°F	190°C/374°F

Ethylene glycol engine coolant boiling point

Boiling Point to Moisture												
Coolant Moisture % (V/V)	0	10	20	30	40	50	60	70	80	90	100	
	Temperature	°C	100	101	102	104	104	107	111	118	127	142
°F		212	214	216	220	220	225	232	245	260	288	386

Brake Fluid Composition

	DOT3	DOT4	DOT4+	DOT5	DOT5.1
Base Fluid (Compatibility)	(polyalkylene Glycoether, PAG)				(silicon oil)
Additional ingredients		(Borate Esters)		(Diethylene Glycol-Ester)	
Dry Boil Point (New Fluid)	205°C 401°F	230°C 446°F	230°C 446°F	270°C 518°F	260°C 500°F
Wet Boil Point (Used Fluid)	140°C 284°F	155°C 311°F	155°C 311°F	190°C 374°F	180°C 356°F

Features

- Quickly test boiling point of brake fluid ranges from 100~320 °C (212-608°F)
- DOT3, DOT4, Super DOT 4, DOT5, DOT5.1 brake fluid type conclusion
- Up to 14 Europe Languages supported
- Step by step guideline on screen
- Wrong polarity connection protection
- Goose neck probe provides flexibility of test

Specification:

- Applicable Brake fluid: DOT3, DOT4, DOT5, DOT5.1, SUPER DOT4
- **Boiling Point: 100°C ~180°C(212°F ~356°F) ±3%**
180°C ~320°C(356°F ~608°F) ±5%
- Power: 12V DC, minimum 10V DC
- Test Time: 60 seconds
- Working Temperature: 0°C ~50°C
- Storage Temperature: -10°C ~50°C

Packing List:

- DY23F * 1pcs
- 30ml Brake fluid injector * 1 pcs
- 50ml Beaker * 2pcs
- Carrying box * 1pcs
- User manual * 1pcs

• Calibration certificate

NOTE:

- 1 Please do not touch test probe when test is done to avoid scalded.
- 2 Please do not re-use tested fluid or liquid. The fluid or liquid have been destructured and boiling point becomes lower down, To discard the sampling fluid is strongly recommended .
- 3 Accepted boiling point about every kind of fluid please refer to user manual