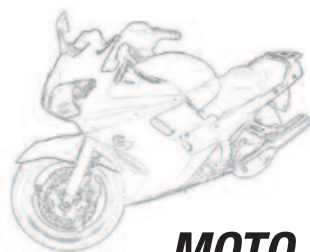




# ***Motorcycle***

testing



***MOTO***

# BILANMATIC 10 000 Mx Moto



***The lane may be split into several bays, allowing simultaneous testing of multiple vehicles:***

16 possible users via 16 infrared remote controls (patented by Muller Bem) with no risk of the data being confused.

This lane is perfect for drive through testing.

***Includes:***

- Console with directional 20" TFT flat screen
- Industrial PC running Windows XP
- Multi-User infrared remote control
- Brake tester chassis
- Braking force
- Dynamic weighing
- Force applied to the brake pedal
- Force applied to the brake lever
- Wheel clamps (for safety and improved measurement):
  - Speedometer
  - Measurement of maximum speed of mopeds
  - Road simulator
  - Emissions testing
  - Reproduction of the actual running conditions (wind factor, road simulation)

***Software :***

- 2,3 and 4 wheels
- Taking account of the braking circuits
- Monitoring of safety mechanisms

***Safety:***

- The passage of a motorcycle on the brake tester chassis presents risks to the technician and to the vehicle if the motorcycle is not held in place. The "wheel clamp" locking system ensures a perfect hold on the 2 wheels during brake, speed, emissions and headlamp testing. Moreover, the wheel clamps significantly improve the performance of measurement devices.
- At suitable points on the lane, steps with a pressure sensor guarantee maximum safety for the technician.

# Multiplexed MOTORCYCLE test lane



Series 1001 Recessed  
ref. 1001X31AJA0AF

Series 1001 Podium  
ref. 1001X31AJA0AF

Series 1001 Recessed *for 3 and 4 wheels*  
ref. 1001Y31AJA0AF

## MULTIPLEX brake tester chassis

Permissible useful load: 1000 Kg  
Wheel Diameter: 6 to 24"  
Roller Diameter: 200mm  
Max. braking force: 300daN  
Force sensors with strain gauge  
Test speed: 5km/h  
Roller Coating: Epoxy silicon  
Integrated weighing: 4 sensors

*A second pair of rollers is required to test lightweight 3 or 4 wheel vehicles. With the exception of the length of the rollers, the specifications of this chassis are the same as those of the main chassis.*

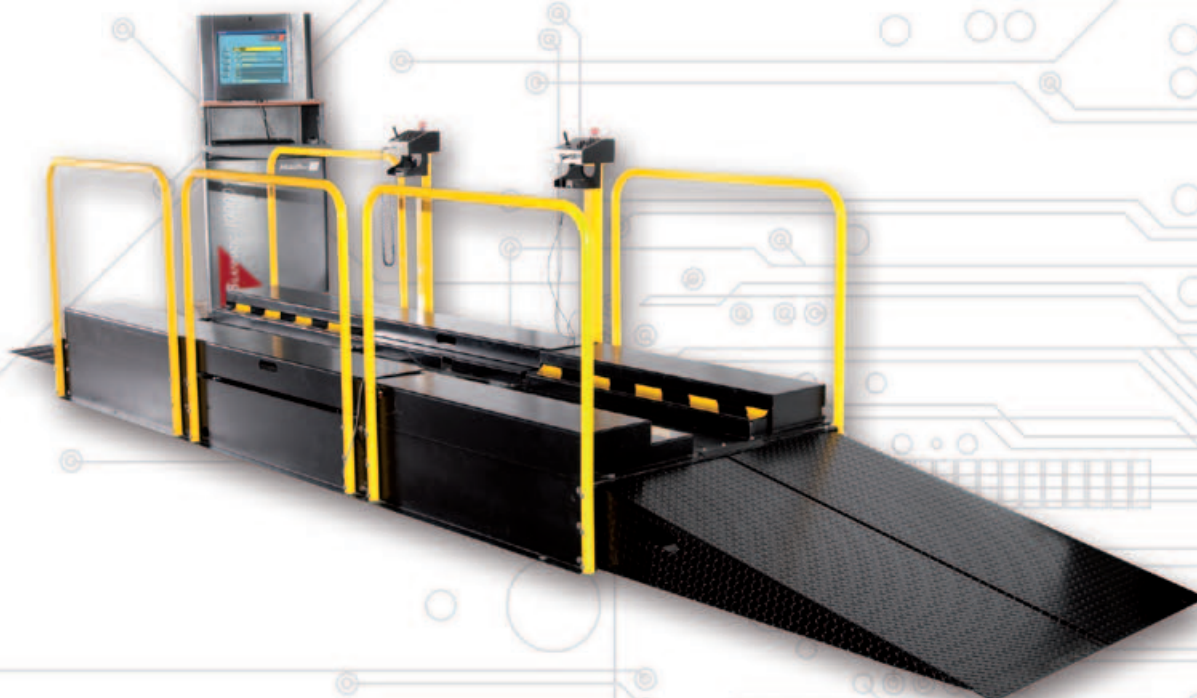
## Wheel Alignment

The wheel alignment system measures the alignment between the front and rear wheels.

This system uses one of the brake tester clamps to lock the rear wheel.

## Wheel clamps

Permissible useful load: 1000Kg  
Maximum controlled tightening force: 200Kg  
Vehicle anti recoil: 100Kg  
Step height: 150mm





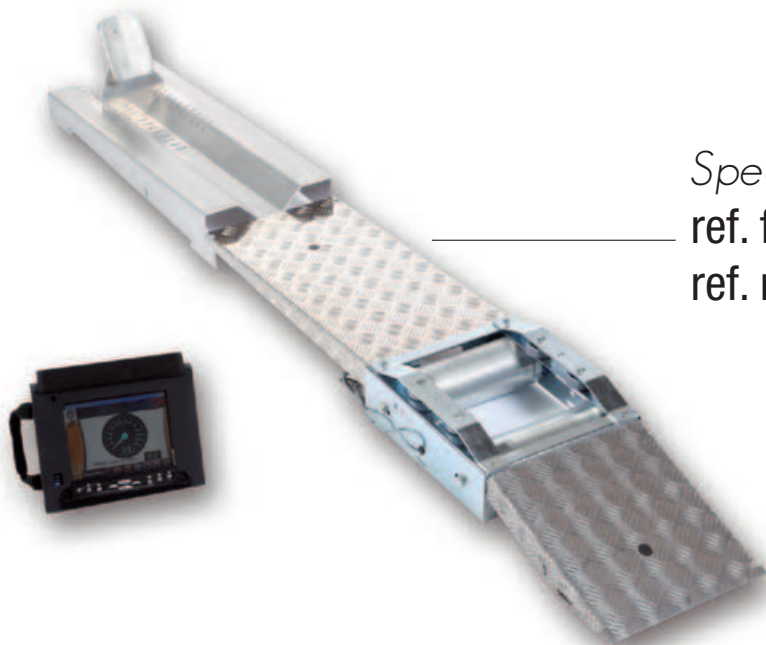
*2 asymmetrical clamps with control terminals for recessed version*  
**ref. 51300-S2**

*2 asymmetrical clamps with control terminals for Podium version*  
**ref. 51300-P2**



*Speedometer for mopeds:*  
**ref. fixed / 51200**  
**ref. recessed / 51200-E**

Permissible useful load: 250Kg  
Maximum measurable speed: 60km/h  
Roller Diameter: 100mm  
Wheel Diameter: 6 to 24"



*Kit of 5 guard rails for Podium*  
**ref. 121707-P**

*1 guard rail for Recessed option (No. required varies per installation)*  
**ref. 121707-S**

