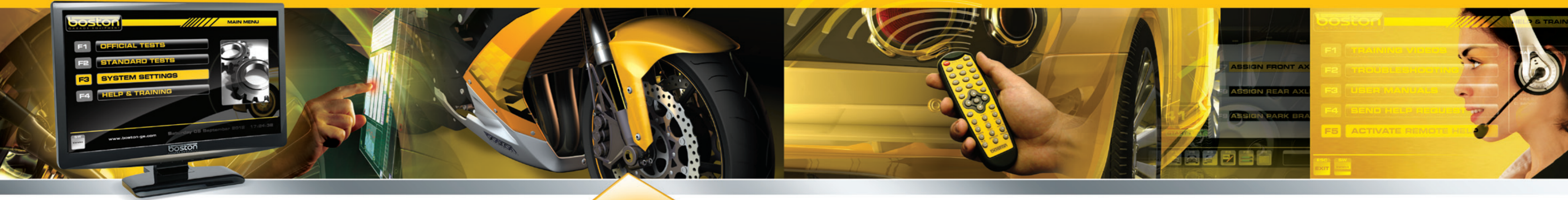


Brake Testing Equipment  
Integrated Test Lane Technology

**boston**  
GARAGE EQUIPMENT



## The industry's most advanced UK built control system

Approved for MoT testing, our new range of braketesters are the latest and most technologically advanced equipment available. They enable fast, straightforward brake testing for motorcycles, cars and light commercial vehicles, including those with selective four wheel drive. All models boast a host of features and are controlled by our new and unique feature-packed SW900 software. Auto-prompts for ATL bays provide a rapid and reliable test program, popular with progressive workshops for one-person testing.

Each system is supplied with a 22" widescreen display as standard; secondary larger displays of any size can be added for easy viewing. When using the optional touch-screen control, SW900 really comes into its own with fast, simple, seamless operation for those who prefer an alternative.

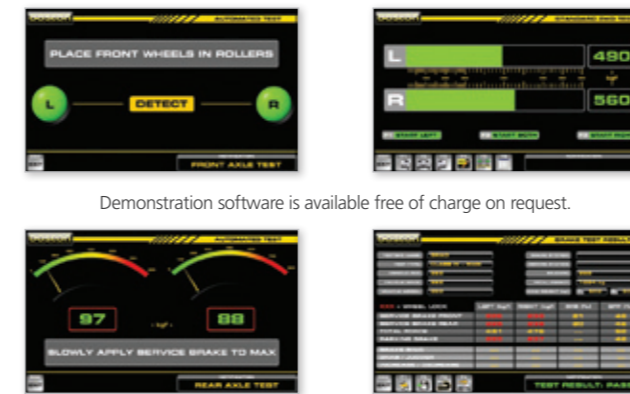
SW900 is the market leader in test lane control software technology. With built-in features such as immediate remote assistance, vehicle registration mark (VRM) lookup, automatic software updates, a complete customer database, a service reminders calendar, full connectivity to our gas analysers and smokemeters, and all other PC based Boston products.\*

A range of control platform layouts are available to suit the individual requirements of our customers, all come internet ready with Wifi built-in as standard. Wireless Bluetooth®\*\* or hardwired USB, Boston can tailor the system to integrate neatly into your workshop, however large or small.

\* Internet connection and subscription required for some services.  
 \*\* Available on specific items.



MCU-090 Control Panel



Demonstration software is available free of charge on request.

Braketesters features include full ATL approval with both analogue and digital display of readings, automatic calculation of brake efficiency, RF remote control, dual directional operation, selective four wheel drive testing, optional motorcycle testing, ovality testing, results printout with full company details and customised company logos.

## Boston OSS (Online Support Service) - another industry first!

Our new OSS service is unique, a first within the industry. Designed to operate in conjunction with our SW900 computer software, OSS is an optional internet service that provides several time saving features and immediate remote assistance direct to our customers' computer. This enables our service department to take control of your equipment anywhere in the world providing the ultimate in customer support.

OSS provides the following services:

- > **VRM Look up** (Enter the reg. and the vehicle data is retrieved from the internet)
- > **Direct Remote Assistance** (Boston can access your system remotely to solve problems - no waiting for engineers)
- > **Automatic Software Updates** (SW900 checks for updates every day, week or month - you choose)
- > **Send Immediate Help Request** (no email addresses or phone numbers, simply type a message and hit send, we'll contact you straight away)

Put simply, there is no other industry test lane software with the same benefits and features that SW900 and OSS can offer.

OSS is a low-cost subscription service requiring an internet connection. Please visit our website or contact our sales department for further information or to arrange a free trial.



Boston Service

Customer



## D702

### D702 ☼ Class 1,2,3,4,5L,7

Power	3 phase 415 V / 50Hz / 32 A
Motor	Dual Directional - 2 x 4 kW
Electronics	PC / Microprocessor Controlled
Brake Testing Speed	2.9 km/h
Roller Bed Weight and Build	395 kg - Fully Galvanised
Max. Brake Force (per wheel)	1250 kgf
Max. Axle Load	4000 kg
Roller Bed Chassis Dimensions	144 x 66 x 30 cm (L x W x H)
Display Dimensions	Up to 60" (1280 x 768 resolution)
Roller Width	900 mm
Roller Centre Dimension	420 mm
Friction Roller Surface	0.9 μ dry, > 0.6 wet
Communication	USB
Operator Control	Remote RF

Images shown for illustration purposes only



## D402

### D402 ☼ Class 1,2,3,4

Power	3 phase 415 V / 50Hz / 32 A
Motor	Dual Directional - 2 x 3 kW
Electronics	PC / Microprocessor Controlled
Brake Testing Speed	2.9 km/h
Roller Bed Weight and Build	325 kg - Fully Galvanised
Max. Brake Force (per wheel)	800 kgf
Max. Axle Load	3000 kg
Roller Bed Chassis Dimensions	234 x 66 x 30 cm (L x W x H)
Display Dimensions	Up to 60" (1280 x 768 resolution)
Roller Width	700 mm
Roller Centre Dimension	420 mm
Friction Roller Surface	0.9 μ dry, > 0.6 wet
Communication	USB
Operator Control	Remote RF

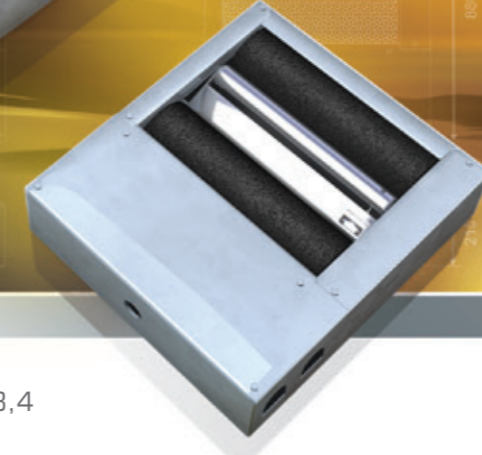


## D403

### D403 ☼ Class 1,2,3,4

Power	3 phase 415 V / 50Hz / 20 A 1 phase 230 V / 50Hz / 32 A
Motor	2 x 2.2 kW (1ph - 2.2kW)
Electronics	PC / Microprocessor Controlled
Brake Testing Speed	2.6 km/h
Roller Bed Weight and Build	395 kg - Fully Galvanised
Max. Brake Force (per wheel)	600 kgf
Max. Axle Load	2500 kg
Roller Bed Chassis Dimensions	88 x 78 x 21.5 cm (L x W x H)
Display Dimensions	Up to 60" (1280 x 768 resolution)
Roller Width	600 mm
Roller Diameter	180 mm
Friction Roller Surface	0.9 μ dry, > 0.6 wet
Communication	USB
Operator Control	Remote RF

Suits old Kismet recesses



## R100

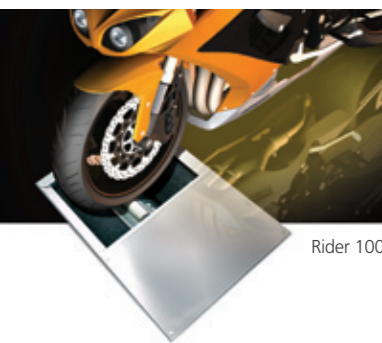
### Rider 100 ☼ Class 1,2

Power	3 phase 415 V / 50Hz / 16 A 1 phase 230 V / 50Hz / 32 A
Motor	Dual Directional - 1.5 kW
Electronics	PC / Microprocessor Controlled
Brake Testing Speed	2.9 km/h
Weighing System	4 Point
Max. Brake Force (per wheel)	300 kgf
Max. Wheel Load	750 kg
Roller Bed Weight and Build	80 kg - Fully Galvanised
Roller Bed Chassis Dimensions	80 x 62 x 31 cm (L x W x H)
Display Dimensions	Up to 60" (1280 x 768 resolution)
Roller Width	300 mm
Roller Centre Dimension	400 mm
Friction Roller Surface	0.9 μ dry, > 0.6 wet
Communication	USB
Operator Control	Remote RF

MOTORCYCLE RESULTS				
TESTERS NAME:	BRAD		VEHICLE MODEL:	ZX7R
VEHICLE TYPE:	MOTORCYCLE		MILEAGE:	1200
VEHICLE REG:	E057 BND		TOTAL WEIGHT:	312 kg
VEHICLE MAKE:	KAWASAKI			
XXX = WHEEL LOCK	FRONT [kgf]	REAR [kgf]	SIDECAR [kgf]	EFF [%]
BRAKE CONTROL 1	129	...	...	41
BRAKE CONTROL 2	...	129	...	41
TOTAL	129	129	...	83
WEIGHT [kg]	156	156	...	



Year on year, motorcycle sales outpace any other form of transport. All Boston braketesters can test motorcycles, and thanks to our unique SW900 control software, it's quick and simple. Just fit the safety cover plate and activate the software - it's that easy.



Rider 100

For motorcycles only, there's the Boston Rider 100, our compact stand-alone roller braktester. A single bed with self-contained control console (or SW900 if preferred), 3 phase or single phase, bi-directional rollers and a built-in four point weighing system. Installation is quick and simple.

Simple test lane integration

Boston braketesters are modular and can be installed in various configurations to form a complete test lane. Either braktester then suspension tester, or side-slip tester and then braktester, or any other desired permutation. SW900 is flexible allowing us to mould the system around your workshop design.



High quality manufacture



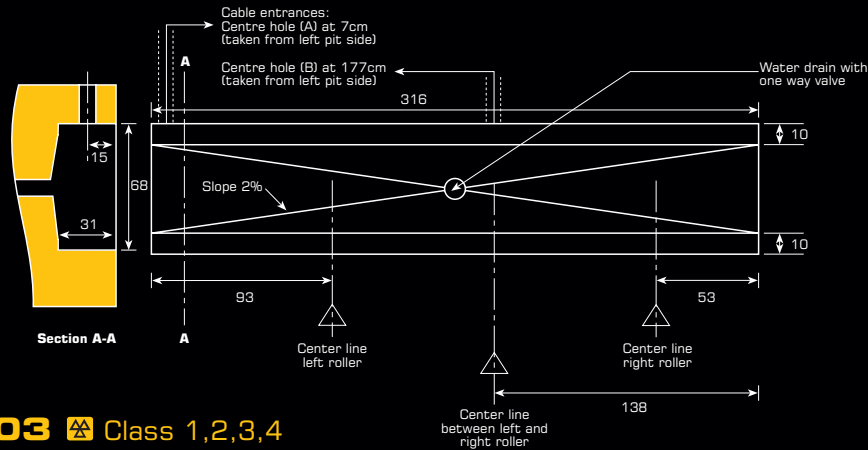
A single roller bed, or a complete test lane... We have the right solution.

The Boston accessory range

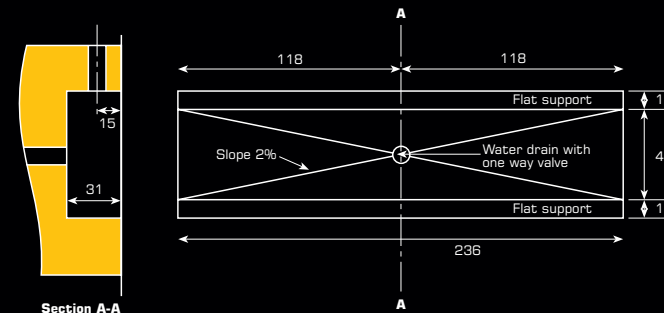
- A Vehicle weighing systems
- B Installation cartridges
- C Touch-screen monitor
- D Secondary display, 32" to 60"
- E Motorcycle cover plate
- F Online Support Service
- G Boston industrial PC
- H Non PC-based, control system
- I Remote control
- J Mobile brake meter
- K Global Control Platform (GCP)
- L Emission testing equipment



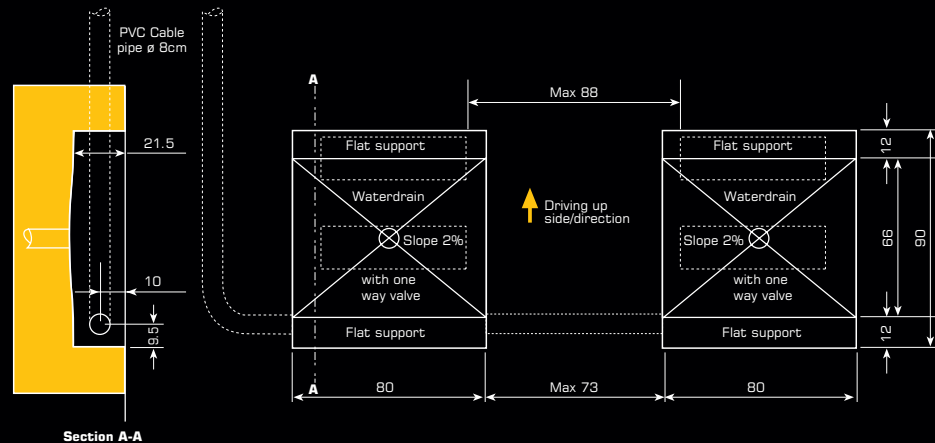
## D702 ⚠ Class 1,2,3,4,5L,7



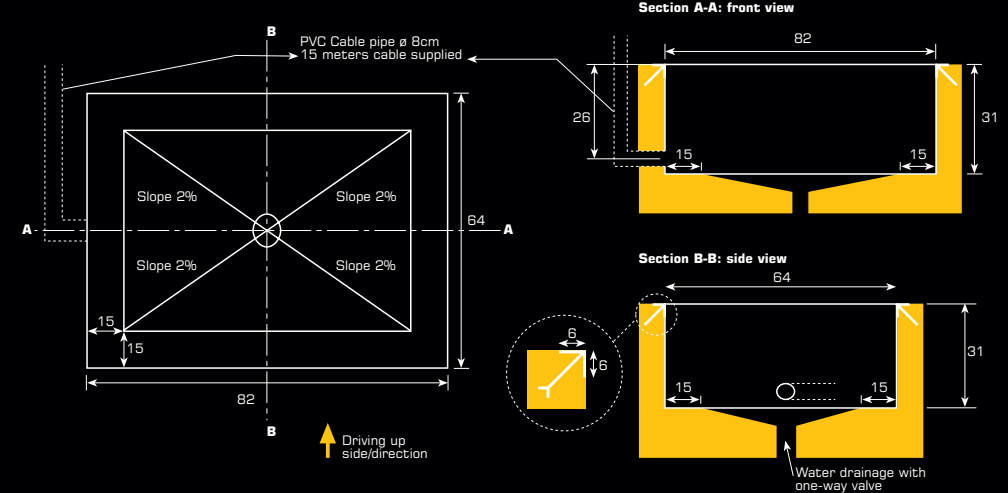
## D402 ⚠ Class 1,2,3,4



## D403 ⚠ Class 1,2,3,4



## Rider 100 ⚠ Class 1,2



All Boston braketesters are VOSA approved for MoT testing. Schematics shown do not allow for installation cartridges. Drawings not to scale. All dimensions in cm.

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[sales@boston-ge.com](mailto:sales@boston-ge.com)

