SASTRA ROBOTICS

TacboT

A portable Table-top testing solution for Smart Gadgets & POS

WOULD YOU LIVE IN A WORLD OF ILL-TESTED PRODUCTS?

SMART DEVICES

Smartphones can annoy you..

30% of phones were found to develop problems with the top portion of their touchscreen after approximately 24 months of use.

POINT OF SALES

POS Testing is challenging…

Satisfaction levels of the customers visiting retail stores have also declined due to the multiple issues - reported by American Customer Satisfaction Index 2019-20

DON'T WORRY **WE CAN SOLVE IT.**

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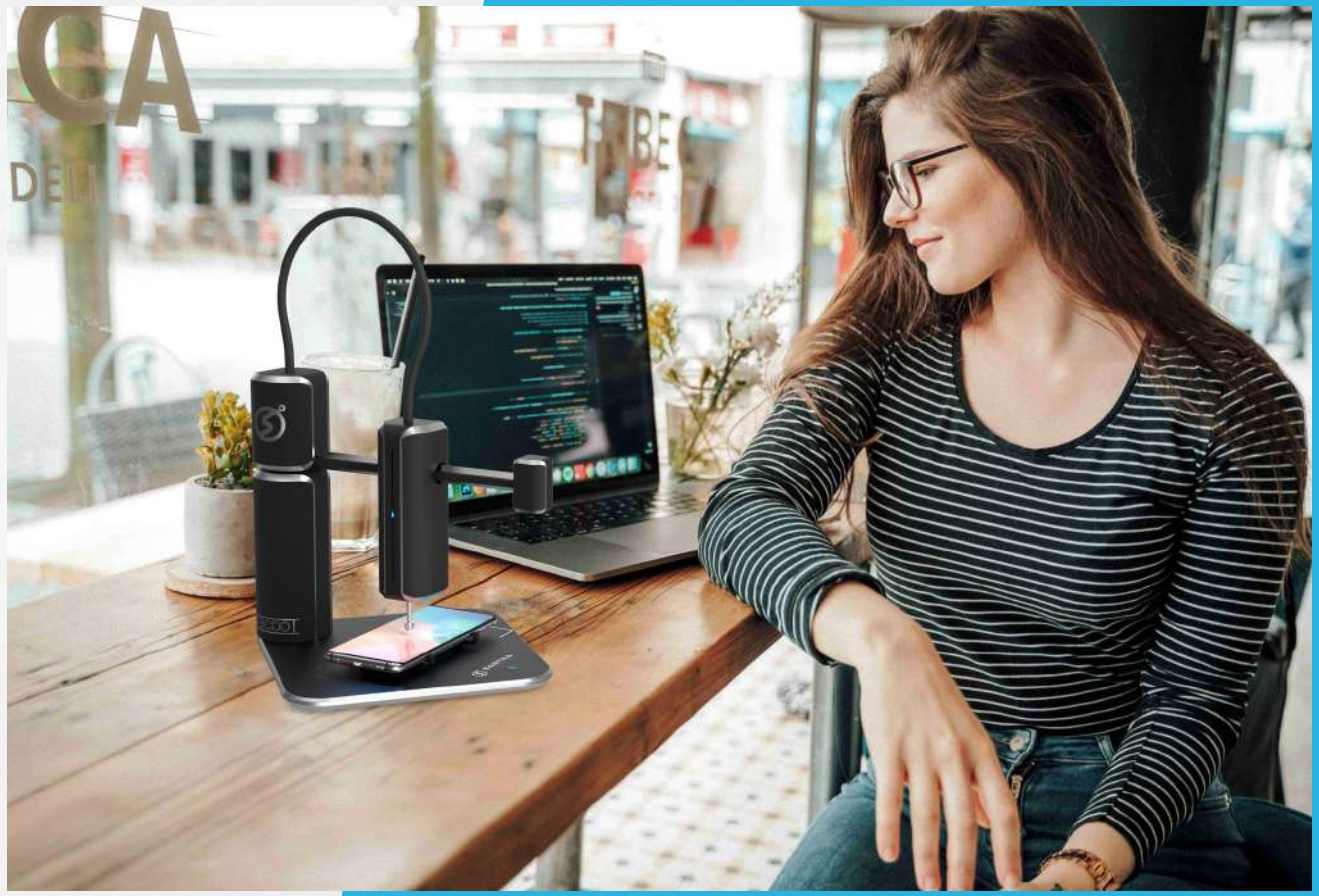
TacboT VALUE PROPOSITION

TacboT is a tabletop plug-and-play, commercial off-the-shelf solution for robotic testing automation of Human Machine Interfaces (HMI) in Smart Mobile Phones, POS machines, Wearable gadgets & more…

It has **five** key aspects that offer a clear edge over competition

- **Absolutely safe** & compatible
- **Easy to use**, handles, program & operate
- **Works 3x faster** and 3x longer than a human
- **Wide variety of Devices** are supported
- **Extremely cost effective** and error free



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THINK SMART…

TacboT is designed to remove
all the pain points related to the scalability of testing device.

Easy to Handle

You can carry this anywhere: Work From Home, quick setup and light weight highly efficient table top operation.

Easy to program

Easy-to-learn API based controllability ensuring connectivity with multiple test frameworks

Absolute freedom to Scale

Both Software & Hardware frameworks are modular - Easy integration & scalability

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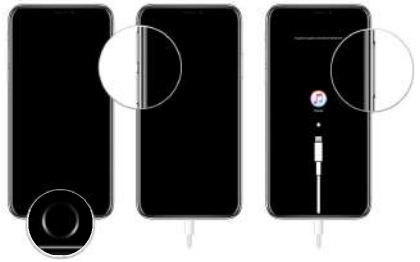
TACBOT SIMULATE REALISTIC ACTIONS

TOUCH GESTURES

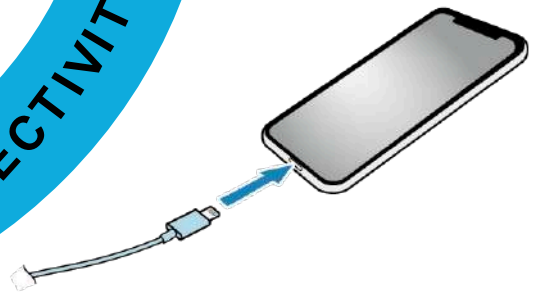
KEY PRESS



For Smart Devices

PROXMITY CAPTURE

CONNECTIVITY



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TACBOT SIMULATE REALISTIC ACTIONS

CARD SWIPE

PIN ENTRY

For POS Testing

RECEPIT CAPTURE

SIGNATURE

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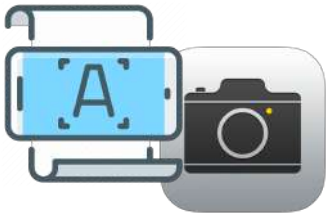
INTEGRATE WITH YOUR AUTOMATION PLATFORM & DO MORE…

ANALYTICS BASED DECISIONS

TEST CASE GENERATION

Automation Framework

OCR & VISION BASED EVALUATION



CLOUD INTEGRATION

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Inside Box	
TacBot Robot	1 Unit
Mobile Mount	1 Unit
User Manual	1 Unit
Power Adaptor	1 Unit

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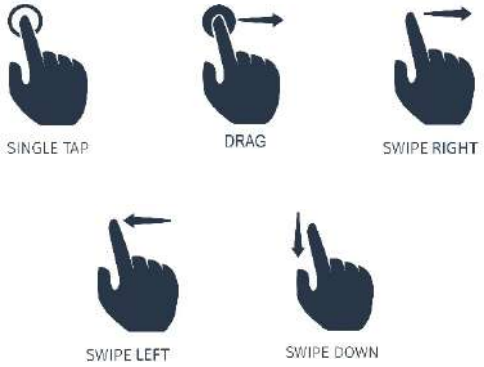
SUPPORTS DIVERSE MOBILE TESTINGS FORMATS

- UI/UX testing
- Random use testing
- Functionality testing

SIMULATES USER ACTIONS



- **Finger gestures** : Tap, Move, Horizontal/ Vertical Scroll, Drag, Touch & Hold
- **Accessory Expansion** : Card swipe, insert, tap, multi-key operation, visual evaluation

IMAGINE what TacBOT can do for **your** product!

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KEY SPECIFICATIONS

- Flexibility : 3 DOF
- Manipulator working plane : Horizontal
- Arm length : 300 mm
- Reach : 240 mm
- Range of motion of stylus : 20 mm (z-axis)
- Types of touch actions : Tap, Scroll, Swipe, Touch & Hold, Double Tap, Flick
- Stylus force options : 160, 240 & 360 g ± 50 g

- Duration of touch : 0.2 sec to 5.0 sec
- Repeatability : ±0.5 mm
- Stylus tips : Bubble Tip (7 mm)
- Stylus tips life : 1,00,000 touches
- Continuous operation : 360 Hours

- Workspace Area (Rectangular) : 7" diagonal
- DUT mounting plate dimension : 300 x 300 mm

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- Equipment type : Table top
- Power requirements : 110V/60Hz, 220V/50Hz
- Power consumption : 50 W
- Connectivity : USB 2.0 B type
- Controllability : Telnet API control
- Gross weight : 6 Kg
- Operating temperature : 10°C to 45°C
- Humidity : Upto 60RH

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SUPPORT & SERVICE

- 1 year comprehensive warranty
- Initial setup support with 2 hour online training
- Up to 5 hours of free online support during warranty

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THANK YOU

LET’S CONNECT!

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