



# Scorpion

Plate Handling Series

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 **LabLogic**  
EXPERIENCE & EXPERTISE

# Reliable, consistent plate and tube handling

Scorpion automated plate handling systems offer the ideal entry level automation laboratories require for reliable, consistent plate and tube handling.

- Easy to programme.
- Operator and integrator friendly.
- Able to use multiple plastic plates across applications.

## Flexibility

The Scorpion comes in four formats feeding to either left or right hand sides. The plate is handled in portrait format allowing the use of plates with or without lids.

Offering complete versatility, the Scorpion will work with a wide range of plates, tube racks and custom applications in both shallow and deep well formats.

When feeding or retrieving plates from a secondary piece of equipment which requires defined plate stack orientation, the Scorpion's plate re-stack option allows plates to be reprocessed into their original line format.

## The system

### Applications

Handles plates with or without lids.

### Software

Proprietary firmware and application driver.

### Plate Type

All SBS footprint applications, and range of racks.

### Installation Requirements

110/220 VAC 50/60 Hz mains supply.  
Compressed air supply 5.5 bar (80 psi) at 20 LPM.  
Compressor can be supplied.

	Plate Hive	Capacity
96 Well Plate Formats	✓	Up to 50
384 Well Plate Formats	✓	Up to 72
1536 Well Plate Well Formats	✓	Up to 72
Handles Lids	✓	May reduce capacity
Deep Well Blocks	✓	Up to 15
Integration Ready	✓	
Plate Height Range 7 to 48 mm	✓	
Full Height Stack Plate Range		650 mm
Half Height Stack Range		325 mm

### Europe & Worldwide

#### LabLogic Systems Limited

Paradigm House, 3 Melbourne Avenue  
Broomhill, Sheffield, S10 2QJ, UK

**E-mail:** solutions@lablogic.com

**Tel:** +44 (0)114 266 7267

**Fax:** +44 (0)114 266 3944

[www.lablogic.com](http://www.lablogic.com)

### USA & Canada

#### LabLogic Systems, Inc.

1911 N US HWY 301, Suite 140  
Tampa, FL 33619, USA

**E-mail:** solutions@lablogic.com

**Tel:** +1-813-626-6848

**Fax:** +1-813-620-3708

[www.lablogic.com](http://www.lablogic.com)

