

ACTUATION SYSTEMS FOR IMAGING AND DIAGNOSTIC EQUIPMENT

www.timotion.com

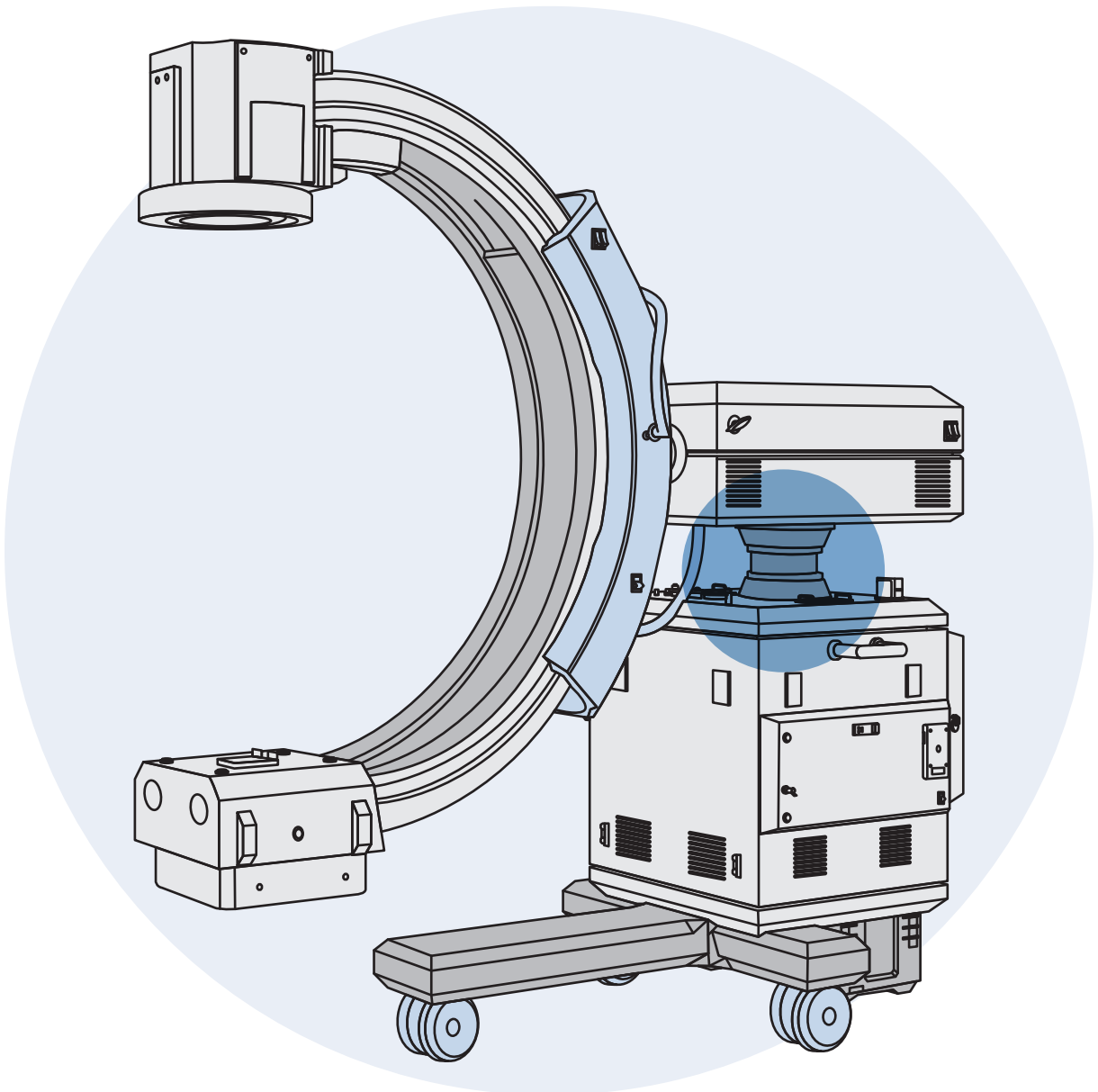
TiMOTION offers a complete solution that is reliable, quiet, and easy to integrate into Imaging and diagnostic equipment.



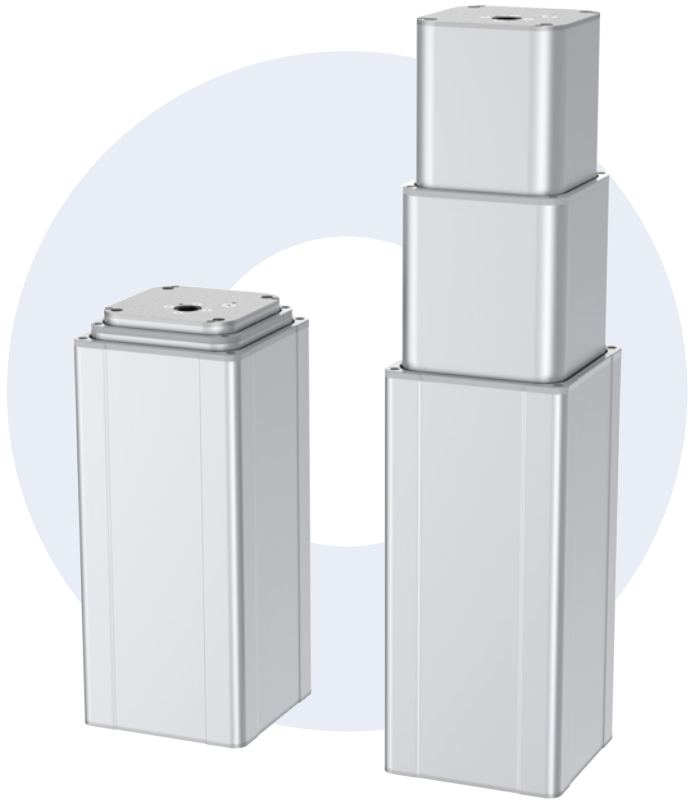
Electric Linear Actuation In Imaging and Diagnostic Equipment Significantly Enhance Precision and Adaptability

Electric actuators offer a level of control and accuracy that is paramount in medical diagnostics, where subtle movements and precise adjustments are essential. Their ability to provide seamless and controlled motion ensures optimal positioning for imaging procedures, contributing to improved diagnostic accuracy.

Electric linear actuation presents a multitude of advantages in imaging and diagnostic equipment. From silent and smooth operation for patient comfort to the ability to precisely control the positioning of sensitive imaging devices, these solutions elevate the overall performance of medical equipment. The customization options allow for tailored solutions that meet the specific needs of different diagnostic procedures, enhancing the versatility and functionality of imaging equipment.



Lifting Columns



TL51

Outer Profile

Narrow-top, wide-bottom or
Wide-top, narrow-bottom

Max. Load

6,000N (push)

Max. Dynamic Bending Moment

1,000Nm ($\geq \text{Stroke}/2 + 180\text{mm}$)
1,400Nm ($\geq \text{Stroke}/2 + 240\text{mm}$)

Max. Speed at No Load

26.2mm/s

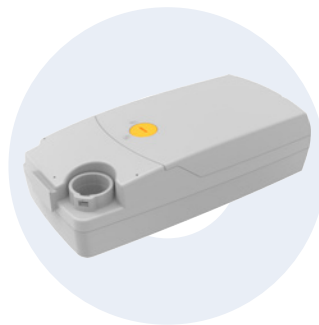
Max. Speed at Max. Load

8.6mm/s

Retracted Length

$\geq \text{Stroke}/2 + 180\text{mm}$ or 240mm

Control Boxes



TC21

Number of Actuator

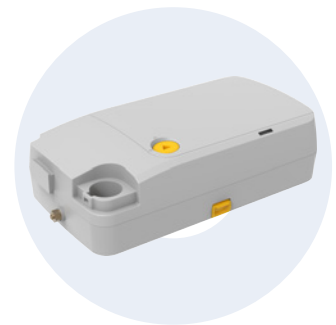
1~5

Number of Control

1~2

IP Rating

IP66W



TC28

Number of Actuator

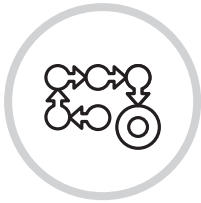
1~4

Number of Control

1~2

IP Rating

IP66W



Vertical Integration

Design → Components → Final Assembly → Quality Control → After-sale Service

TiMOTION operates under a vertically integrated business model, which gives us total control to offer you the highest possible quality standards. While competing products are limited in design and integration features, TiMOTION specializes in complete customizable solutions based on the individual customer's needs.



Customization

With a vertically integrated business model, TiMOTION offers total solutions that are high quality and highly customizable to meet various software, hardware, or user interface needs.



Global service office

TiMOTION has seven corporate offices and numerous sales agents, making TiMOTION well-positioned to provide global engineering and sales support.

Taiwan & China

+886 2 2219 6633
sales.tw@timotion.com

Europe

+33 (0)1 74 82 50 51
sales.eu@timotion.com

USA

(704) 708 6924
sales.us@timotion.com

Australia

+61 3 8725 0331
salesteam.au@timotion.com

Japan

+81 6 6713 1188
sales.jp@timotion.com

Korea

+82 31 745 1060
sales@timotion.co.kr