



INDUSTRY:	Healthcare
CLIENT:	North Cumbria Integrated Care NHS Foundation Trust
CONTRACTOR:	Actiform
ARCHITECT:	P+HS Architects

PROJECT:

The £15 million design and development of the new Endoscopy Unit at Cumberland Infirmary in Carlisle for North Cumbria Integrated Care NHS Foundation Trust.

The new two-storey modular building contains the Endoscopy Unit with five clinical rooms and an outpatient area on the ground floor and has a plant room on the first floor.

Working with main contractor Actiform and P+HS Architects, our brief was to supply and install 10 door-sets in total, including manual and automatic entrances that integrated seamlessly with the overall design vision for a modern, efficient and spacious clinical environment.

CHALLENGES:

The main challenges for this project were the five restricted structural openings and also seamlessly matching the designs of the manual and automatic doors.

SOLUTION:

Overall, we supplied and installed:

- 1 Doorson 300-E32A (single automatic door sliding over a wall)

And manufactured, supplied and installed door-sets from our own, multi-award-winning Flo-Motion® range:

- 2 Flo-Motion® F11 (single manual door sliding over a glazed screen)
- 3 Flo-Motion® F12 (single manual door sliding over a glazed screen)
- 4 Flo-Motion® E320 (single manual door sliding over a wall)

To achieve the maximum clear opening width on the five restricted openings, we installed F11 and F12 doors with a pull handle on the external side and a flush mounted finger pull on the room side. By doing this, on a structural opening width of 1900mm, we achieved a clear opening of 800mm.

To ensure seamless design integration across the automatic and manual doors, the same aluminium door profile used on all the Flo-Motion® doors was also employed on the Doorson automatic door.

OUTCOME:

Our Doorson and Flo-Motion® door-sets provide many significant benefits for patients, staff and visitors, including:

- Helping to create excellent light transfer for a feeling of spaciousness.
- Contributing to an attractive, efficient, effective and improved environment for all.
- Easy fingertip operation of our 9 Flo-Motion® doors, due to their average force test readings of only 8.34N.

"The communication and design advice from Axis was excellent. Their doors met the high quality required for clinical environments operationally and aesthetically."

**Chris Smith
P+HS Architects**

"Axis were responsive, detailed and collaborative, installation was on time, and their doors supported the architectural vision and met all performance expectations."

**Rob Bailey
Actiform**

