

# Engineering Excellence in Education

Jon Chicken – Sales & Marketing Director - Oct 2023 - Budapest



## TecQuipment's Mission:

- Enhancing Learning Through Practical Experience
- Leader in Engineering and Technical Education Equipment

## Key Features:

- Hands-On Learning: Providing Real-World Experience in Classrooms
- Curriculum Integration: Supporting STEM Education Goals
- Versatile Equipment: Adaptable to Various Course Levels

## Benefits for Educators:

- Engaged Learning: Captivating Students' Interest and Participation
- Customisable Modules: Tailoring Content to Suit Different Teaching Styles
- Assessment Support: Facilitating Performance Evaluation and Progress Tracking

## Benefits for Students:

- Concept Clarity: Visualising Complex Theories and Principles
- Practical Skills: Gaining Industry-Relevant Competencies
- Career Readiness: Bridging the Gap Between Academia and Employment



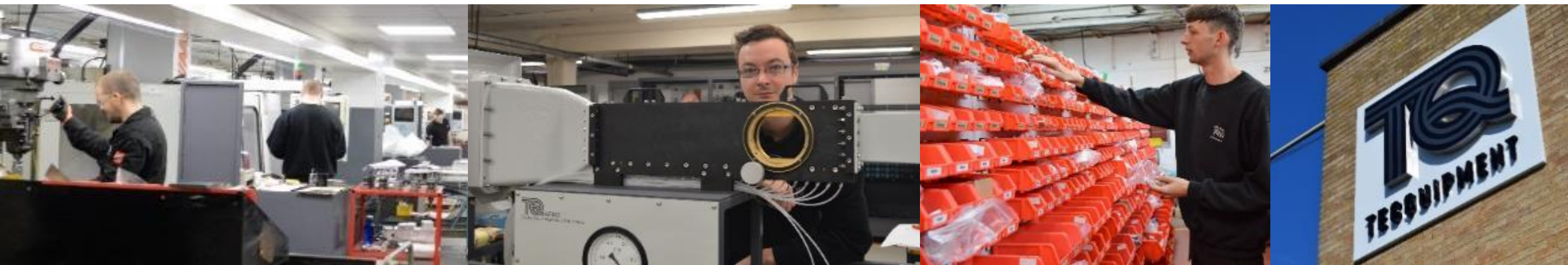
## Impact on Learning:

- Improved Retention: Experiential Learning Enhances Memory Retention
- Critical Thinking: Encouraging Analytical Problem-Solving Skills
- Confidence Boost: Hands-On Experience Fosters Self-Assurance



# ≡ Empowering Education: TecEquipment's Engineering Excellence

- Over 450 technical educational teaching products
- All main engineering disciplines covered
- Modern teaching and learning methods
- Software/hardware integration **VDAS**
- Manufactured under world class quality system



# ≡ All Under One Roof

- Manufactured in the UK
- Factory with dedicated fabrication shop, paint shop, assembly, test and training facilities
- In-house software development
- Specialist R&D team
- Large warehouse
- Fully fitted test facilities



# ☰ Product Support

- Worldwide network of partners ensures TecQuipment's expertise and support is close at hand
- Extensive documentation
- Product installation, commissioning and training
- Low equipment maintenance
- Five-year free warranty and full after-sales service



# ≡ TecQuipment is Employee-Owned

The shared vision and ownership of TecQuipment Ltd by its employees means that there is a greater commitment from all involved in serving the needs of customers.



“  
*TecQuipment's  
future is our  
future, we are  
the living and  
breathing soul  
of the  
company...*





# ≡ Product Ranges



Engineering Science



Aerodynamics



Control Engineering



Process Control



Fluid Mechanics



Materials Testing



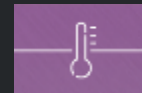
Statics Fundamentals



Structures



Theory of Machines



Thermodynamics



Engines



Environmental Control



Alternative Energy



VDAS®



Electrical Power Systems

Complete Solution for **Civil** and **Mechanical Engineering**



# ≡ Empowering Education: Case Studies

Bedford College, UK

Construction and Engineering  
Course

Products Bought:

- Beam Apparatus (SM1004)
- Euler Buckling Apparatus (SM1005)
- Universal Testing Machine (SM1000)
- Strain Gauge Trainer (SM1009)
- Tensile Tester Kit (ES6)
- Strain Gauge Kit (E19)
- Equilibrium of a Beam Experiment (STF5)
- Hooke's Law and Spring Rate Experiment (SM110)

- The Head of Department for Technical and Modern Courses at Bedford College shares how TecQuipment's products play a **crucial role** in their construction and engineering courses.
- Bedford College chose TecQuipment for their commitment to world-class equipment and **outstanding support**.
- They use a range of our products for materials testing and properties and the effectiveness of our user guides offers **student-friendly exercises**, simplifying the teaching process.
- They also experienced excellent customer care support from us when they needed to purchase additional equipment and we helped them make the most of their existing resources. This has made a **significant impact** on their teaching and learning experience.

# Empowering Education: Case Studies

The East African School of  
Aviation, Kenya  
Aerodynamics Training Course

Products Bought:

- Subsonic Wind Tunnel 300mm (AF1300)
- Three Component Balance (AF1300T)
- Smoke Generator (AFA11)
- Aerofoils (AF1300D)
- Aircraft Model Low Wing (AF1300G)
- Aircraft Model High Wing (AF1300H)
- Flight Demonstration Wind Tunnel (AF41)
- Modular Air Flow Bench (AF10)
- Multi-tube Manometer (AFA1)

- Recognising TecQuipment's leadership in aerodynamic training technology and our dedication to **delivering excellence**, commitment to quality, and customer service, The East African School of Aviation (EASA) chose us to equip their training facilities.
- Following a factory visit to us EASA expressed their satisfaction with the high-quality materials and production assurance provided by us. Specialist members of our customer service team travelled to EASA's site to **install** and ensure the smooth operation of the purchased equipment.
- The equipment includes a range of essential ancillaries and modules that facilitate a comprehensive understanding of aerodynamics in aviation education, allowing EASA to **meet the needs of the global aviation industry** effectively.

# ≡ Empowering Education: Case Studies

York College of Pennsylvania, USA

Civil Engineering Course

Products Bought:

- 2.5 Metre Flume (FC50-2.5)
- Losses in Piping Systems (H16)
- Hydrology and Rainfall Apparatus (H313)
- Digital Hydraulic Bench (H1F)

- The choice of TecEquipment for engineering equipment stems from their prior positive experience with our commitment to **supporting educators** with top-quality products.
- They appreciate our wide-ranging, user-friendly product offerings. The local contacts were **very responsive** and helpful.
- For them, our equipment performs flawlessly, saving valuable time in lab sessions and our comprehensive user guides **simplify teaching**.
- Their course uses our versatile flume that impresses both students and prospects as it covers diverse aspects and applies directly to **real-world challenges**.



# ☰ More Information

Visit our website at [tecquipment.com](https://tecquipment.com)



[TECQUIPMENT.COM](https://tecquipment.com)

