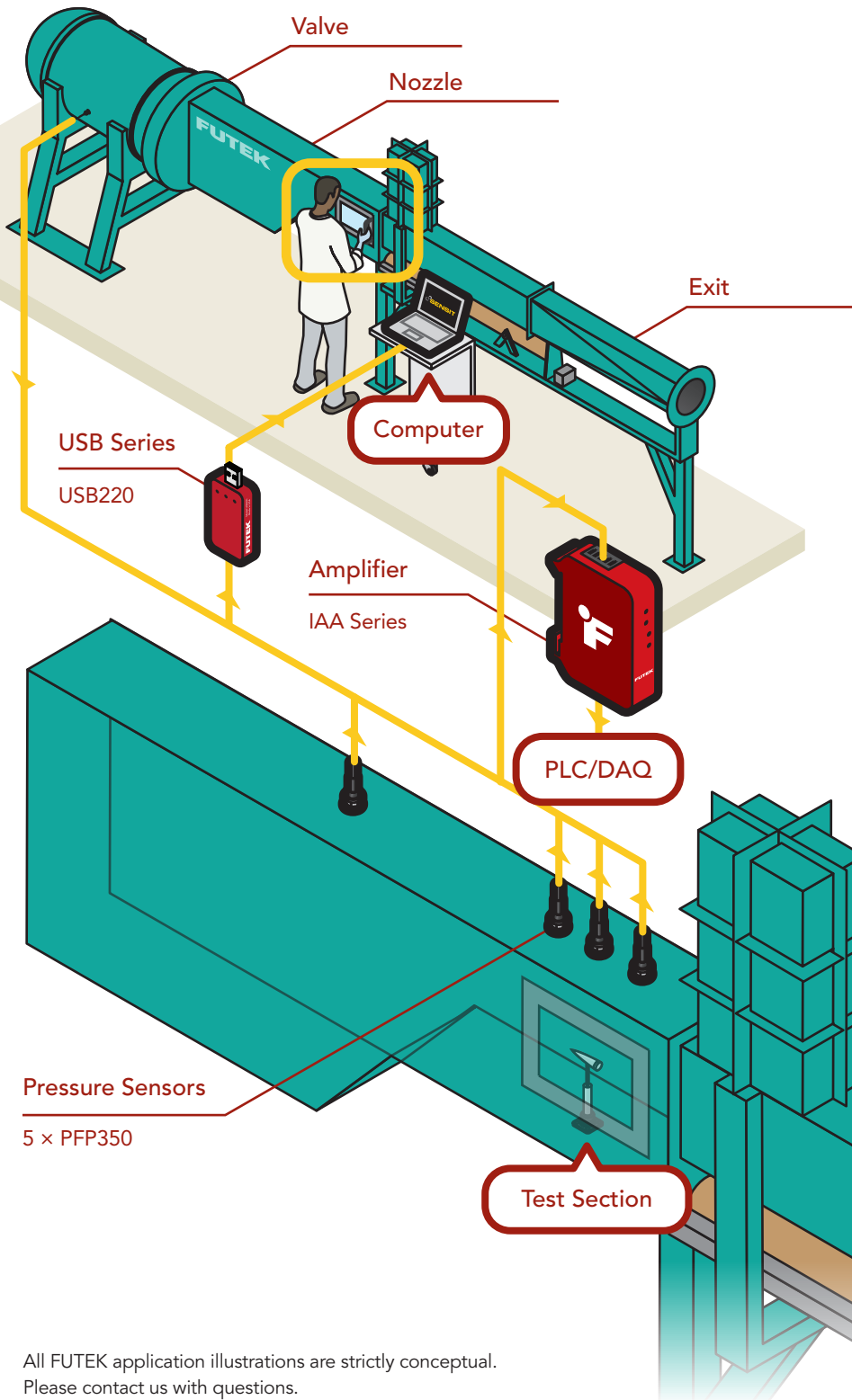




APPLICATION SUMMARY

Supersonic Wind Tunnels enable the observation of high-speed aerodynamics in a laboratory setting. As air moves through the tunnel, it is accelerated by a nozzle to supersonic velocities. The air moves over the specimen in the test section, generating shock waves as the air slows down to transonic speeds. All of this happens in a matter of microseconds and requires high-speed sensors to log pressure in the tunnel's throat and at various points along the model. To accomplish this, miniature flush mount pressure sensors are embedded throughout the wind tunnel.

PRODUCTS IN USE

Five PFT510 Flush Mount Diaphragm Pressure Sensors paired with Instrumentation (IAA Series or USB220)



SCIGATE AUTOMATION (S) PTE LTD

No.1 Bukit Batok Street 22 #01-01 Singapore 659592

Tel: (65) 6561 0488

Fax: (65) 6562 0588

Email: sales@scigate.com.sg

Web: www.scigate.com.sg

Business Hours: Monday - Friday 8.30am - 6.15pm

All FUTEK application illustrations are strictly conceptual.
Please contact us with questions.

Sensor Solution Source

Load · Torque · Pressure · Multi Axis · Calibration · Instruments · Software

www.futek.com



U.S. Manufacturer