

**PROSPECTUS SUPPLEMENT
(To Prospectus dated November 22, 2022)**

**Arqit Quantum Inc.
4,717,000 Ordinary Shares
6,266,667 Warrants to Purchase Ordinary Shares
595,666 Ordinary Shares Underlying Warrants**

This prospectus supplement updates and amends certain information contained in the prospectus dated November 22, 2022 (the “Prospectus”) covering the offer and sale from time to time by the selling securityholders named in the Prospectus of up to 4,717,000 of our ordinary shares, par value \$0.0025 per share (“Ordinary Shares”), and 6,266,667 warrants to purchase Ordinary Shares. The Prospectus also relates to the issuance by us of up to 595,666 Ordinary Shares, that are issuable by us upon the exercise of the Public Warrants (as defined in the Prospectus), which were previously registered, and the Private Warrants (as defined in the Prospectus). You should read this prospectus supplement in conjunction with the Prospectus. This prospectus supplement is not complete without, and may not be utilized except in connection with, the Prospectus, including any amendments or supplements thereto.

Investing in our securities involves a high degree of risk. You should review carefully the risks and uncertainties described under the heading “Risk Factors” beginning on page 9 of the Prospectus, and under similar headings in any amendment or supplements to the Prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of the Prospectus or this prospectus supplement. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is May 22, 2025

EXPLANATORY NOTE

This prospectus supplement updates and supplements the Prospectus to update table of the Selling Securityholders (as defined in the Prospectus) to reflect certain sales and distributions that have been made as permitted under the section entitled “Plan of Distribution” included in the Prospectus. On September 25, 2024, Arqit Quantum Inc. effected a 25-to-1 reverse share split, which is reflected in the numbers included in this prospectus supplement.

Updated Table of Selling Securityholders

Where the name and information of a Selling Securityholder identified in the table below also appears in the table and the related footnotes in the Prospectus on pages 29, 30 and 31, the information set forth in the table below and the related footnotes regarding that Selling Securityholder supersedes and replaces the information regarding such Selling Securityholder in the Prospectus. The percentages in the following table are based on 16,130,473 ordinary shares outstanding, including (i) 14,354,649 ordinary shares issued and outstanding as of May 16, 2025, (ii) 1,701,988 ordinary shares underlying our currently exercisable outstanding warrants, and (iii) 73,836 shares underlying outstanding equity incentives that are exercisable or that will become exercisable within 60 days following May 16, 2025.

Name	Ordinary Shares						Warrants				
	Beneficially Owned Prior to Offering		Number Registered for Sale Hereby	Beneficially Owned After Offering			Beneficially Owned Prior to Offering		Number Registered for Sale Hereby	Beneficially Owned After Offering	
	Number	Percent		Number	Percent		Number	Percent		Number	Percent
Adam Hall ⁽¹⁾	1,997	*	1,997	—	—		—	—	—	—	—
Adam M. Aron ⁽²⁾	800	*	800	—	—		—	—	—	—	—
Carlo Calabria ⁽³⁾	245,546	1.75%	97,354	—	—		—	—	—	—	—
Garth Ritchie ⁽⁴⁾	132,618	*	5,925	—	—		—	—	—	—	—
Geoffrey Taylor ⁽⁵⁾	18,028	*	18,028	—	—		—	—	—	—	—
Giulia Nobili ⁽⁶⁾	6,000	*	6,000	—	—		—	—	—	—	—
Heritage Assets SCSP ⁽⁷⁾	5,778,327	35.8%	466,122	—	—	6,266,667	48.1%	6,266,667	—	—	—
Nicholas Taylor ⁽⁸⁾	886	*	658	—	—		—	—	—	—	—
Patricia Taylor ⁽⁵⁾	800	*	800	—	—		—	—	—	—	—
Ropemaker Nominees Limited ⁽⁹⁾	1,400,462	8.7%	647,700	—	—		—	—	—	—	—
Seraphim Space Investment Trust plc ⁽¹⁰⁾	89,391	*	89,391	—	—		—	—	—	—	—
The Evolution Technology Fund II SCSP ⁽¹¹⁾	397,259	2.5%	397,259	—	—		—	—	—	—	—
Trevor Barker ⁽¹²⁾	151,612	*	151,612	—	—		—	—	—	—	—
UK FF Nominees Limited ⁽¹³⁾	166,067	1.0%	166,067	—	—		—	—	—	—	—

* Less than 1.0%.

- (1) The business address of Adam Hall is 3 Orchard Place, London SW1H 0BF, United Kingdom. Mr. Hall is a former employee of the Company's primary operating subsidiary, Arqit Limited.
- (2) The business address of Adam M. Aron is c/o AMC Entertainment, 11500 Ash Street, Leawood, KS 66211, USA.
- (3) The business address of Carlo Calabria is 3 Orchard Place, London SW1H 0BF, United Kingdom. Includes 10,256 shares underlying September 2023 Investor Warrants that are currently exercisable.
- (4) The business address of Garth Ritchie is 3 Orchard Place, London SW1H 0BF, United Kingdom.
- (5) The business address for each of Geoffrey Taylor and Patricia Taylor is 3 Orchard Place, London SW1H 0BF, United Kingdom.
- (6) The business address of Giulia Nobili is L'Estoril, 31 Avenue Princesse Grace, 98000, Monaco.
- (7) The business address for Heritage Assets SCSP is c/o Heritage Services SAM Attn: Cristina Levis, 7 Rue Du Gabian, 98000, Monaco. Includes 250,667 shares underlying Business Combination Warrants and 230,769 shares underlying September 2023 Investor Warrants that are currently exercisable and held by Heritage Assets SCSP.

- (8) The business address of Nicholas Taylor is 5 Anley Street, St Helier, Jersey, Channel Islands, JE2 3QE.
- (9) The business address for Ropemaker Nominees Limited is 1st Floor, Royal Chambers, St Julian's Avenue, St Peter Port, Guernsey GY1 3JX. Notion Capital Managers LLP has sole investment and voting power over Ropemaker Nominees Limited's shares. The investment decisions of Notion Capital Managers LLP are made by the majority vote of an investment committee comprised of five members, including Stephen Chandler. Under the so-called "rule of three," if voting and dispositive decisions regarding an entity's securities are made by three or more individuals, and a voting or dispositive decision requires the approval of at least a majority of those individuals, then none of the individuals is deemed a beneficial owner of the entity's securities. Based upon the foregoing analysis, no individual member of the investment committee of Notion Capital Managers LLP exercises voting or dispositive control over any of the securities over which it holds sole investment and voting power. Accordingly, Mr. Chandler is not deemed to have or share beneficial ownership of such shares. Includes 76,381 shared underlying September 2023 Investor Warrants that are currently exercisable.
- (10) The business address of Seraphim Space Investment Trust plc is 5th Floor, 20 Fenchurch Street, London, EC3M 3BY, United Kingdom. Seraphim Space Manager LLP is the fund manager of Seraphim Space Investment Trust plc and its investment decisions are made by a unanimous vote of a committee comprised of four members. Therefore, no individual has sole or shared investment and voting power over the shares held by Seraphim Space Investment Trust plc.
- (11) The business address of The Evolution Technology Fund II, SCSp is 15, Boulevard Friedrich Wilhelm Raiffeisen, L 2411, Luxembourg. Evolution Equity Partners II Sarl is the general partner of The Evolution Technology Fund II, SCSp. and has sole investment and voting power over the shares held by The Evolution Technology Fund II, SCSp.
- (12) The business address of Trevor Barker is 3 Orchard Place, London SW1H 0BF, United Kingdom.
- (13) The business address of UK FF Nominees Limited is 5 Churchill Place, 10th Floor, London, E14 5HU, United Kingdom. The Secretary of State for Business and Trade (formerly the Secretary of State for Business, Energy and Industrial Strategy) has sole investment and voting power over the shares held by UK FF Nominees Limited.
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