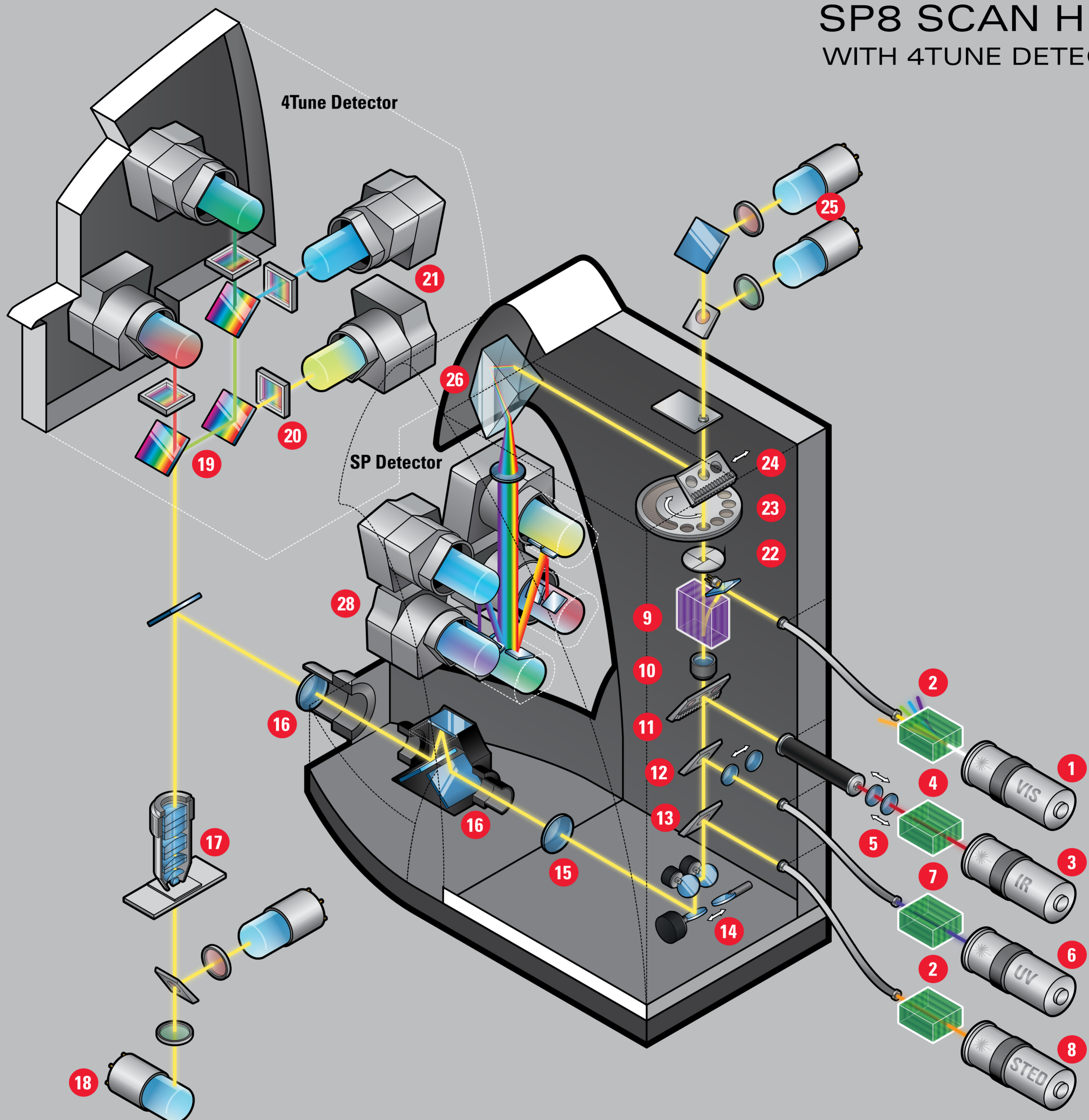


SP8 SCAN HEAD WITH 4TUNE DETECTION



1. Visible line lasers or white light laser
2. Acousto-optical tunable filter (AOTF)
3. Up to three Infrared (IR) lasers *
4. Acousto-optical modulation (AOM)
5. Vario Beam Expander (VBE)
6. Ultraviolet (UV) lasers *
7. AOTF or direct modulation (DMOD)
8. STED laser *
9. Acousto-optical beam splitter (AOBS), other options available
10. FRAP Booster *
11. IR laser incoupling
12. UV laser incoupling with CS2 UV optics

13. STED laser incoupling
14. FOV Scanner with Tandem Scanner option
15. Scan optics with alternative UVIS, HIVIS or VISIR coating
16. Scan field rotation (Abbe-König rotator) *
17. Objective lens (different options available)
18. Transmitted light detection (up to 2 PMTs) in non-descanned position *
19. Continuously variable dichroics (VD)
20. Continuously variable band-passes (VB)
21. Up to four hybrid detectors (HyD)
22. Square confocal pinhole
23. Fluorifier disc *

24. Outcoupling with X1 port *
25. External detection *
26. Prism-based dispersion
27. SP Detector with spectrophotometer arrangement
28. Up to five photo-multipliers (PMT) or up to four hybrid detectors (HyD) *

* optional

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