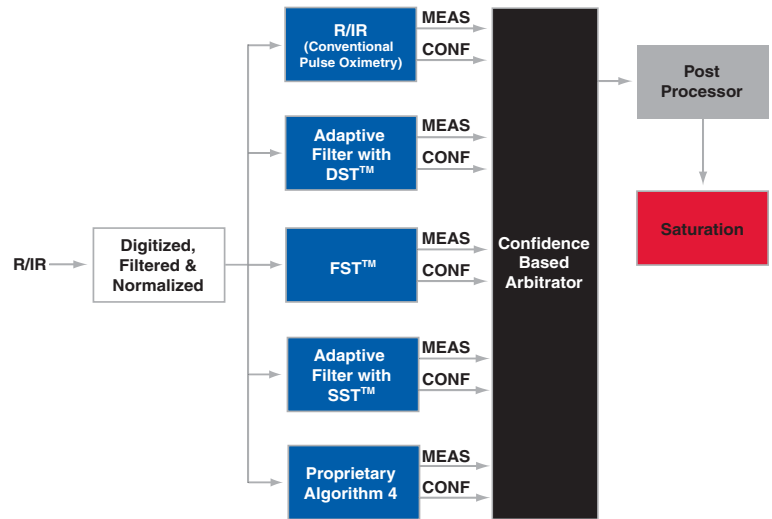


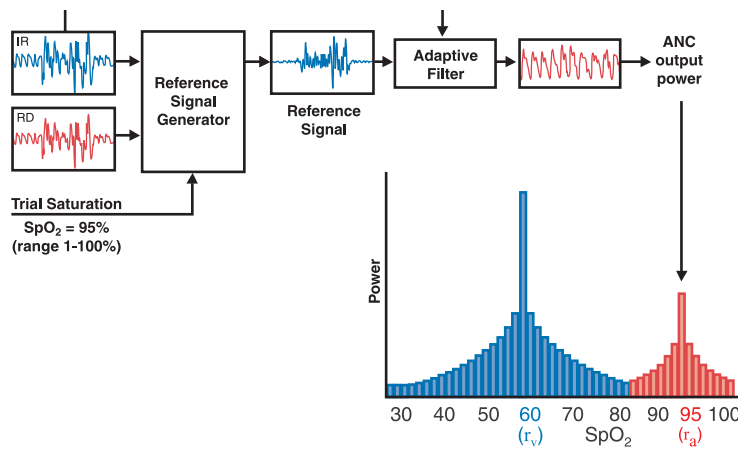
## Pulse Oximetry Overview, Masimo SET® vs Tyco-Nellcor® and Philips®

### How do Masimo SET pulse oximetry parallel engines work?

Masimo uses a highly sophisticated adaptive filter with DST® and four other parallel engines, to leverage each algorithm's unique strengths to ensure accurate readings through all patient conditions.



### How does the Masimo SET DST algorithm work?

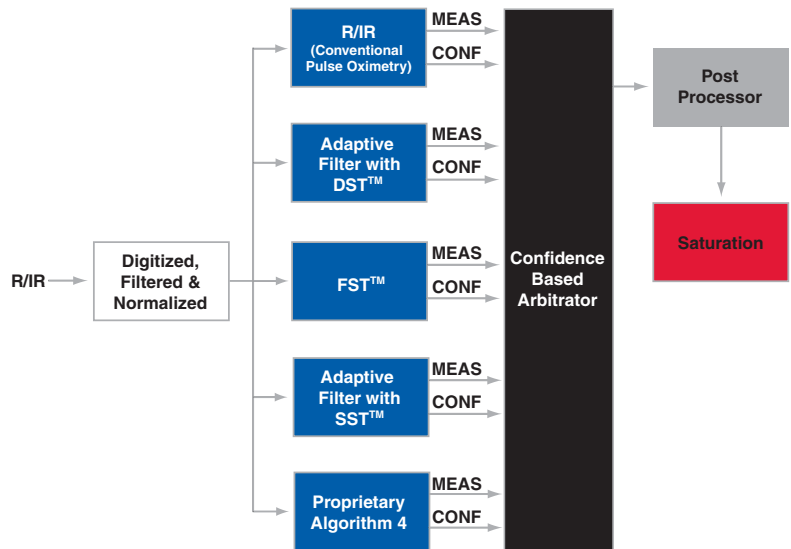


Masimo SET's most powerful algorithm is DST. All algorithms depend upon assumptions. The more assumptions, the weaker the algorithm. DST makes only one assumption – that arterial blood has a higher oxygenation than venous – making it the most powerful pulse oximetry algorithm.

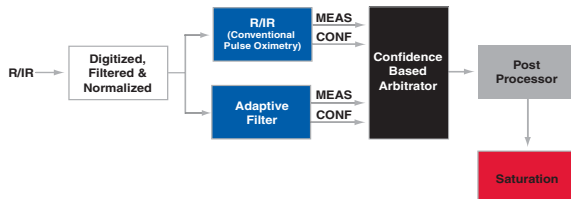
comparison of Masimo SET to other pulse oximetry algorithms



Masimo uses a highly sophisticated adaptive filter with DST and four other parallel engines, to leverage each algorithm's unique strengths to ensure accurate readings through all patient conditions.

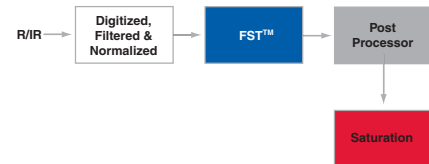


Nellcor 404/506 (N-395/N-595)



Nellcor uses a less sophisticated adaptive filter, not effective under many conditions, including persistent motion conditions.

Philips/HP Rev. B.0/C.0/C.1



Philips uses only a single frequency domain algorithm that is vulnerable to random and jerky motions and other patient conditions.

Instruments and sensors containing Masimo SET technology are identified with the Masimo SET logo. Look for the Masimo SET designation on both the sensors and monitors to ensure accurate pulse oximetry when needed most.

Masimo Corporation 40 Parker Irvine, California 92618 Tel 949-297-7000 Fax 949-297-7001 www.masimo.com

© 2006 Masimo Corporation. All rights reserved. Masimo, SET, DST, Discrete Saturation Transformation, FST, and are federally registered trademarks of Masimo Corporation. All rights reserved.