

# Joint Overview System Ankle Joints

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|  | NEURO CLASSIC with free moving system stirrup                 | NEURO CLASSIC with static system stirrup | NEURO CLASSIC with plug + go modularity | NEURO CLASSIC Carbon | NEURO CLASSIC-SPRING | NEURO CLASSIC-SWING | NEURO VARIO-CLASSIC | NEURO VARIO-CLASSIC 2 | NEURO VARIO | NEURO VARIO 2 | NEURO VARIO-SPRING | NEURO VARIO-SPRING 2 | NEURO VARIO-SWING | NEURO SWING-CLASSIC | NEURO SWING | NEURO SWING 2 | NEURO HISWING | NEURO SWING Carbon |   |
|--|---|--|---|----------------------|----------------------|---------------------|---------------------|-----------------------|-------------|---------------|--------------------|----------------------|-------------------|---------------------|-------------|---------------|---------------|--------------------|---|
| conversion option within the joint group with plug + go modularity | ✗   | ✗  | ✓                                       | ✗                    | ✗                    | ✗                   | ✗                   | ✓                     | ✗           | ✓             | ✗                  | ✓                    | ✓                 | ✓                   | ✓           | ✓             | ✓             | ✗                  |   |
| DORSIFLEXION STOP  | none  | ✓  | ✗                                       | ✓                    | ✓                    | ✗                   | ✗                   | ✗                     | ✗           | ✗             | ✗                  | ✗                    | ✗                 | ✗                   | ✗           | ✗             | ✗             | ✗                  |   |
|  | static  | ✗  | ✓                                       | ✗                    | ✗                    | ✓                   | ✓                   | ✓                     | ✓           | ✓             | ✓                  | ✓                    | ✓                 | ✓                   | ✓           | ✓             | ✗             | ✗                  |   |
|  | dynamic due to adjustable spring force                        | ✗  | ✗                                       | ✗                    | ✗                    | ✗                   | ✗                   | ✗                     | ✗           | ✗             | ✗                  | ✗                    | ✗                 | ✓                   | ✓           | ✓             | ✓             | ✓                  |   |
|  | dorsiflexion angle adjustable on the system joint             | ✗  | ✗                                       | ✗                    | ✗                    | ✗                   | ✗                   | ✓                     | ✓           | ✓             | ✓                  | ✓                    | ✓                 | ✓                   | ✓           | ✓             | ✓             | ✓                  | ✓ |
|  | dorsiflexion angle adjustable by filing the system stirrup    | ✗  | ✓                                       | ✗                    | ✗                    | ✓                   | ✓                   | ✓                     | ✗           | ✓             | ✗                  | ✓                    | ✗                 | ✗                   | ✗           | ✗             | ✗             | ✗                  | ✗ |
| PLANTAR FLEXION STOP   | none  | ✓  | ✗                                       | ✓                    | ✓                    | ✗                   | ✗                   | ✓                     | ✓           | ✗             | ✗                  | ✗                    | ✗                 | ✗                   | ✗           | ✗             | ✗             | ✗                  |   |
|  | none, with dorsiflexion assist                                | ✗  | ✗                                       | ✗                    | ✗                    | ✓                   | ✗                   | ✗                     | ✗           | ✗             | ✓                  | ✓                    | ✗                 | ✗                   | ✗           | ✗             | ✗             | ✗                  |   |
|  | dynamic due to adjustable spring force                        | ✗  | ✗                                       | ✗                    | ✗                    | ✗                   | ✓                   | ✗                     | ✗           | ✗             | ✗                  | ✗                    | ✓                 | ✗                   | ✓           | ✓             | ✓             | ✓                  |   |
|  | plantar flexion angle adjustable on the system joint          | ✗  | ✗                                       | ✗                    | ✗                    | ✗                   | ✓                   | ✗                     | ✗           | ✓             | ✓                  | ✗                    | ✗                 | ✓                   | ✓           | ✓             | ✓             | ✓                  | ✓ |
|  | static  | ✗  | ✓                                       | ✗                    | ✗                    | ✗                   | ✓                   | ✗                     | ✗           | ✓             | ✓                  | ✗                    | ✗                 | ✓                   | ✓           | ✓             | ✓             | ✗                  | ✗ |
|  | plantar flexion angle adjustable by filing the system stirrup | ✗  | ✓                                       | ✗                    | ✗                    | ✗                   | ✗                   | ✗                     | ✗           | ✓             | ✗                  | ✗                    | ✗                 | ✗                   | ✓           | ✗             | ✗             | ✗                  | ✗ |
| integrated noise reduction   | ✗   | ✗  | ✗                                       | ✗                    | ✗                    | ✗                   | ✗                   | ✓                     | ✗           | ✓             | ✗                  | ✓                    | ✓                 | ✗                   | ✗           | ✓             | ✓             | ✗                  |   |
| water-resistant  | ✗   | ✗  | ✗                                       | ✓                    | ✗                    | ✗                   | ✗                   | ✗                     | ✗           | ✗             | ✗                  | ✗                    | ✗                 | ✗                   | ✗           | ✗             | ✗             | ✓                  |   |

➔ With the exception of the NEURO CLASSIC Carbon (16mm), the system ankle joints are displayed in the system width 20mm.

# Joint Overview System Knee Joints

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|                   | NEURO CLASSIC zero   | NEURO VARIO zero | NEURO CLASSIC | NEURO VARIO | NEURO VARIO 2 | NEURO VARIO-SWING | NEURO ACTIVE | NEURO CLASSIC Carbon | NEURO MATIC | NEURO TRONIC       | NEURO HITRONIC    | NEURO LOCK                | NEURO LOCK MAX            | NEURO FLEX MAX Lock Function | NEURO FLEX MAX Step Lock Funktion | NEURO LOCK Carbon |
|-------------------|--|------------------|---------------|-------------|---------------|-------------------|--------------|----------------------|-------------|--------------------|-------------------|---------------------------|---------------------------|------------------------------|-----------------------------------|-------------------|
| CONTROL MECHANISM | free moving without posterior offset   | ✓                | ✓             | ✗           | ✗             | ✗                 | ✗            | ✗                    | ✗           | ✗                  | ✗                 | ✗                         | ✗                         | ✗                            | ✗                                 | ✗                 |
|                   | free moving with posterior offset  | ✗                | ✗             | ✓           | ✓             | ✓                 | ✓            | ✓                    | ✓           | ✓                  | ✓                 | ✓                         | ✓                         | ✓                            | ✓                                 | ✓                 |
|                   | automatic stance phase control   | ✗                | ✗             | ✗           | ✗             | ✗                 | ✗            | ✗                    | MECHANICAL  | ELECTRO-MECHANICAL | ELECTRO-HYDRAULIC | ✗                         | ✗                         | ✗                            | ✗                                 | ✗                 |
|                   | permanently locked   | ✗                | ✗             | ✗           | ✗             | ✗                 | ✗            | ✗                    | ✓           | ✓                  | ✓                 | ✓                         | ✓                         | ✓                            | ✓                                 | ✓                 |
| EXTENSION STOP    | infinitely adjustable between 0° and 20°                                       | ✗                | ✗             | ✗           | ✗             | ✓                 | ✓            | ✗                    | ✗           | ✗                  | ✗                 | ✗                         | ✗                         | ✗                            | ✗                                 | ✗                 |
|                   | adaptable by exchanging the extension stop                                     | ✗                | ✓             | ✗           | ✓             | ✗                 | ✗            | ✗                    | ✗           | ✗                  | ✓                 | ✓                         | ✓                         | ✓                            | ✓                                 | ✗                 |
|                   | adaptable by exchanging the joint's upper part                                 | ✓                | ✗             | ✓           | ✗             | ✗                 | ✗            | ✗                    | ✓           | ✓                  | ✓                 | ✗                         | ✗                         | ✗                            | ✗                                 | ✗                 |
|                   | dynamic due to adjustable spring force   | ✗                | ✗             | ✗           | ✗             | ✗                 | ✓            | ✗                    | ✗           | ✗                  | ✗                 | ✗                         | ✗                         | ✗                            | ✗                                 | ✗                 |
|                   | damped   | ✓                | ✓             | ✓           | ✓             | ✓                 | ✓            | ✗                    | ✗           | ✓                  | ✓                 | ✗                         | ✗                         | ✗                            | ✗                                 | ✗                 |
| LOCK FUNCTION     | adaptable by exchanging the extension stop and adjusting the* by filing        | ✗                | ✗             | ✗           | ✗             | ✗                 | ✗            | ✗                    | ✗           | ✗                  | ✗                 | ✓<br>* JOINT'S LOWER PART | ✓<br>* JOINT'S LOWER PART | ✓<br>* FLEXION STOP DISC     | ✗                                 | ✗                 |
|                   | adaptable by exchanging the extension stop and, if necessary, exchanging the** | ✗                | ✗             | ✗           | ✗             | ✗                 | ✗            | ✗                    | ✗           | ✗                  | ✗                 | ✗                         | ✗                         | ✗                            | ✓<br>** STEP LOCK STOP            | ✗                 |
|                   | step lock function   | ✗                | ✗             | ✗           | ✗             | ✗                 | ✗            | ✗                    | ✗           | ✗                  | ✗                 | ✗                         | ✗                         | ✗                            | ✓                                 | ✗                 |
| FLEXION STOP      | adaptable by inserting a flexion stop  | ✗                | ✗             | ✗           | ✗             | ✗                 | ✓            | ✗                    | ✗           | ✗                  | ✗                 | ✗                         | ✗                         | ✓                            | ✓                                 | ✗                 |
|                   | water-resistant  | ✗                | ✗             | ✗           | ✗             | ✗                 | ✗            | ✓                    | ✗           | ✓<br>IP44          | ✓<br>IP44         | ✗                         | ✗                         | ✗                            | ✗                                 | ✓                 |

➔ The system knee joints are displayed in the system width 20mm.