Ergonomics and applied anthropology

Bi 9100

Protocol title: Somatic measurements in Ergonomics

Name: Date:

|  |  |  |
| --- | --- | --- |
| Measurement | Test person 1 | Test person 2 |
| Body weight |  |  |
| Height |  |  |
| Head circumference |  |  |
| Chest circumference |  |  |
| Eye height |  |  |
| Shoulder height |  |  |
| Suprasternal height |  |  |
| Elbow height (a - radiale, b - flexion) |  |  |
| Spina iliaca height |  |  |
| Tibiale height |  |  |
| Stylion height |  |  |
| Sagittal chest diameter |  |  |
| Transversal chest diameter |  |  |
| Bicristal pelvic breadth |  |  |
| Biacromial shoulder breadth |  |  |
| Bideltoid shoulder breadth |  |  |
| Reach distance |  |  |
| Elbow – handgrip distance  |  |  |
| Arm span |  |  |
| Sitting height |  |  |
| Sitting - eye height |  |  |
| Sitting - cervical height |  |  |
| Sitting - shoulder height |  |  |
| Sitting - elbow height (a - radiale, b - flexion) |  |  |
| Popliteal height |  |  |
| Height of the thigh (above the seat) |  |  |
| Knee height |  |  |
| Upper arm length (elbow flexed) |  |  |
| Elbow-wrist length |  |  |
| Width of the elbows  |  |  |
| Sitting width  |  |  |
| Sitting - abdominal depth  |  |  |
| Sitting – chest depth |  |  |
| Thigh length - popliteal |  |  |
| Thigh length - patellar |  |  |
| Inside leg  |  |  |
| Outside leg  |  |  |
| Shirt sleeve  |  |  |
| Across back  |  |  |
| Across front  |  |  |
| Shoulder length  |  |  |