



CRANIAL STABILIZATION SYSTEM (SKULL CLAMP)



www.sumerinc.com





About Us

Sümer A.Ş. was established in 1981 in Ankara to provide services in the medical device sector. It has aimed advancement since the day of its establishment by also taking growth and compliance with the contemporary technologies and protecting the environmental conditions. Our manufacturing takes place in an area of 25.000 m² in Ankara Organized Industrial Zone.

Our Firm is following the innovations in its sector and in abroad through its research and development unit and its application staff with a strong infrastructure of engineers, and is continuing to produce devices it had developed in computer environment based on such innovations with high technology and to contribute their development so as to be most beneficial for the Turkish medicine.

With this purpose, our Firm is strictly following the “Quality Management” principles and rules from design of the products to the after-sale servicing.

Our Firm has been currently certificated for compliance with ISO 9001 quality management system, ISO 13485 medical device quality management system certificate and ISO 14001 environment management system certificate and with product certificates under MDD 93/42/EEC Medical Devices Directive and PED 2014/68/EUPressurized Equipment certificate. Furthermore, our steam sterilizers, and disinfection and washing devices have been certificated by the German accredited body.

Our Firm is successfully implementing several projects supported by Tübitak, KOSGEB, and Ankara Development Agency. SÜMER A.Ş. has been awarded with the following:
Ankara Industry Chamber Award for 2012, 2011 R&D Award,
2012 Success Award.

Our Firm possesses the following certificates;
CE Certificates under the following directives:
ISO 9001,
ISO 13485,
ISO 14001 Quality Management System,
MDD 93/42/EEC Medical Devices,
PED 2014/68/EUPressurized Equipment



Our Vision

To make the Sumer brand a global brand to make our Firm remembered first in the sector.

Our Mission

Our main task is to create designs with competition power in the global sense by taking the priorities of the sector into consideration and being respectful to the environment and people and giving the first priority to the wishes and expectations of customers, and also to produce innovative technological medical products by meeting all the national and international legal requirements.

Our Basic Values

- We are bound up with the Medical Ethical Rules,
- We are people-oriented,
- We respect environment,
- We are creative,
- We are customer-oriented,
- We are innovative,
- We are pro-active,
- We believe in the team spirit.

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RB-2003

Crossbar adapter (sitting position attachment)

The patient is in a sitting position during posterior fossa surgeries and cervical operations

The attachment is made of 7000 series aluminum and medical stainless steel.



RB-2004

It is used for fixing the sitting position attachment by attaching to table side rails.



RB-2001

Swivel adapter (360 degree rotatable connection adapter)



RB-2005-AD RB-2005-PD

Skull pin (skull pins)

Thanks to the special design of the fixing nails, the comfort of the patient in post op time and controlled control during the operation

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RB-2002-A (Fixed Part)

RB-2002-B (Moving Part)

Skull clamp (skull fixing attachment)
With the single piece billet processing method, all the connection parts of the attachment, which are more robust and long-lasting, are made of stainless steel and can be easily replaced with new ones in case of need for service.

RB-2000

Adjustable base unit (adjustable base unit)

The adjustable main unit is adjustable from the double arm according to the head opening of the table and provides a practical positioning. Thanks to the special alloy on it, it is insulated from any electrical current.



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Data Sheet

1. The product is made of 7075 series aluminum and 304 series biomedical compatible stainless steel.
2. Unlike its competitors, the product is manufactured not only from casting but also from one piece of billet material by machining CNC.
3. Thus, the strength of the rival, which is 19 kg in its competitors, is 36 Kg in our product.
4. Aluminum defects in the connections of competitors do not occur in this product because all of the product connection points are 304 stainless steel and can be replaced with new connections even after many years.
5. Pressure can be applied separately from screws between 80 Lb-18 Lb.
6. The spiked head set is 6.44 Gr, except for the crossbar, which is 800 gr lighter than its closest competitor.
7. Skull clamp 20 mm to 180 mm pin opening is possible
8. It is a washable and autoclavable product.



Operating Principal
Certificates and Brand Registry Documents

We believe that the way to the summit passes through high-quality and reliable manufacturing.



Solution Partners

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 **sumer**

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 **SZUTEST**
NOTIFIED BODY 2195

 **kiwa**
partner for progress

 CE 2195

 ISO 13485

 ISO 9001

 ISO 14001