

JHCEHSHS STUDENT TECHNOLOGY FEE REQUEST FORM

Procedure for Submission:

Form Updated: 3/28/12

1. Submitter must obtain all required information from the desired vendor(s). An official quote from the vendor must be attached.
2. Only one request per Request Form. This request must be reviewed, approved, and submitted by the requesting program's Department Chair.
3. The Dept. Chair may email this request to the Tech Fee Director. *(Since some departments will have multiple requests, please rename request in the following format ABC_Request_# where "ABC" is your department and "#" is the numbering of your request)*

Dept. making request:	Rehabilitation Sciences		Requesting Faculty:	Martin S. Rice, PhD, OTR/L
Date submitted:	9/17/12		Requested purchase date:	10/30/12

IMPORTANT: Attach an official quote from the vendor.

List one item OR group (for use as a "package") per page.

Item Name and Description	Vendor info. (name, address, Web site URL, phone #, email, etc.)	Part or Model #	Cost (each)	Qty	Total
FUTEK Tri-Axial Force Gauges	John Vargas Sales Team john@futek.com FUTEK Advanced Sensor Technology, Inc. 10 Thomas Irvine, CA 92618, USA Voice: (949) 465-0900 x 9646 Fax: (949) 465-0905 A2LA Accredited Calibration	FUTEK MTA400 Package with QiA103 amplifier	\$12,360.00	1 package (contain two gauges)	\$12,360
Course(s) where item(s) will be used	OCCT 710, OCCT 702, OCCT 704, OCCT805, OCCT813, OCCT814	Required for accreditation?	No, but will be used to support our accreditation	# Students Impacted per Year	40+
Location equipment or software will be used	2100 HH	Will this be an ongoing expense (if yes how much annually)?	NO		

Impact on student learning (attach additional pages if needed):

Many of the patients who are treated by Occupational Therapists have conditions such as traumatic brain injury, stroke, orthopedic injury, and birth defects that significantly impair their ability to move normally. A critical part of treating such patients is the assessment of their movement disorders including the hand forces required to perform activities. For this reason it is essential for OT students to engage in studying the foundations and assessment of human movement. This is best done through active participation in the analysis of both normal and pathological movement. A key piece of equipment in providing students with the opportunity to do this is a hand held force gauge system. This system provides students with the capability to actively engage in determining the precise amount of forces at the hands in the (x, y, and z axis) while performing various tasks. This will help to expand their abilities in the diagnosis and treatment of movement disorders. These force gauges are also useful in teaching and researching ergonomic analyses of movement. This is a very important part of the curriculum for OT students and is integrated into six courses, as well as serving as a focal point for many student research projects. The force gauges that we currently have are over ten years old and provide only uniaxial data (i.e., only in the z axis). With the current gauges, data are often lost because they only measure forces that are in line with the gauge. Tri-axial gauges will overcome this problem. Additionally, the current gauges often fail in providing reliable data. Repair costs are greater than what they are worth. Because of their age, as well as due to changes in the technology, these uniaxial gauges have become obsolete; it is no longer possible to get replacement parts for them. Thus, it is essential that the old gauges be replaced with a current force gauge system to insure that our students can continue to participate in this critical part of our curriculum. Virtually ALL Occupational Therapy Students will have the opportunity to work with these gauges, and it will also be used to support student research for those in the Doctorate in Physical Therapy Program. Selection of the specific system identified above (i.e. Futek) was based on its quality and reliability. Additionally, this is the only tri-axial system available.

- ***Equipment/Technology purchased with Tech Fee funds is for student use only. It cannot be filtered or “passed-down” to faculty or staff.***
- All outdated or broken Tech Fee equipment/technology must be returned to the Tech Fee Committee for retirement or disposal.
- If you are submitting a request for computers, printers, scanners or software, you must consult with College Computing and the technology staff, to acquire a quote and to make sure that this equipment/software is supported by UT.

(949) 465-0900
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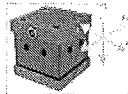


Quick Add:

Products

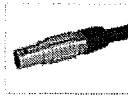
Package Cost

Items



FSH01877 - [2 @ \$3600.00 each]
MTA400 , Ch Fx: 250 lb; Ch Fy: 250 lb; Ch Fz: 500 lb , Tri-Axial Load Cell , Material - 2024-T4 , 1/4-28-Thread , 10 Pin Lemo Receptacle , EGG.1B.310.CLL
In Stock

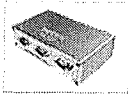
Accessories



FSH02178 - [2 @ \$195.00 each]
ZCC930 , 30 ft Long , 10 Pin Lemo Mating with Cable Assembly , Use w/ MTA400 , QMA102 (Q12156) , Material - Polyurethane , 30 Awg 10 Conductors , Braided Shielded , FGG.1B.310.CLAD52

The quantity you have specified can be shipped partially: 1 Piece(s) will be ready immediately. Please contact the factory regarding the remaining 1 Piece(s).

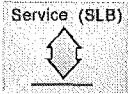
Instrument



QSH00224 - [2 @ \$1200.00 each]
QIA103 , 3 Channels Amplifier Module (Aluminum) , DB15 Female Sensor Connection , Material - 2024-T4

Expected Delivery: To Be Determined.

\$12,360.00



SLB00023 - [6 @ \$300.00 each]
Integration, Configuration, Calibration, and Certification, Sensor + Amplifier NIST Traceable, Tension & Compression, Voltage Output, 5 points

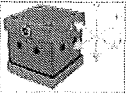
Instrument Accessory



FSH03088 - [6 @ \$95.00 each]
IAC180 , Power Supply Kit for CSG110 & QIA103 , w/ Female IAC150 Screw Terminal Adaptor & 5 ft Long , Standard , Includes 120 VAC Input/12 VDC Output Power Supply

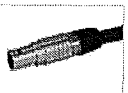
The quantity you have specified can be shipped partially: 2 Piece(s) will be ready immediately & the remaining 4 Piece(s) will be ready in 2-4 Weeks.

Items



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MTA400 , Ch Fx: 250 lb; Ch Fy: 250 lb; Ch Fz: 500 lb , Tri-Axial Load Cell , Material - 2024-T4 , 1/4-28-Thread , 10 Pin Lemo Receptacle , EGG.1B.310.CLL
In Stock

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The quantity you have specified can be shipped partially: 1 Piece(s) will be ready immediately. Please contact the factory regarding the remaining 1 Piece(s).

Instrument



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Instrument Accessory



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The quantity you have specified can be shipped partially: 2

Piece(s) will be ready immediately & the remaining 4 Piece(s) will be ready in 2-4 Weeks.

Sub Total: \$24,720.00

Questions? (800)23-FUTEK or (949)465-0900

FREQUENTLY ASKED QUESTIONS

General Information about placing an order:

FUTEK accepts online orders 7 days a week, 24-hours a day.

Do you need to have an Online Account to place an order with FUTEK?

No, but we recommend it. Having a FUTEK Online Account makes the checkout process much quicker for repeat customers. It also allows the user to view their order progress.

How does FUTEK estimate the Shipping Cost?

We estimate the shipping cost per order size and destination.

Can I use my own Shipping Account?

Yes. If you have a shipping account with us, please enter the account number and carrier during the checkout process so that the shipping cost will be charged to your account.

Who will be the Shipping Carrier?

FUTEK will use the carrier that we believe offers the best value and delivery to our customers. If you have a shipping account and want to use that account, we will use your designated carrier for your order. Please enter your Shipping Account Number once you Proceed to Order.

Can I add Insurance to my order?

Yes. Once you Proceed to Order, you will be given the option to add insurance to your order in Preferences. The insurance is based on the total value of your order (shipping and tax are not included in this cost).

Is there an order maximum quantity?

There is no maximum quantity, but we do recommend our high volume customers to contact us for their first order.

Can I change the order information online once an order has been placed?

No. Once the order has been placed, it can only be cancelled or changed by contacting FUTEK directly. This may result in cancellation fees. Please contact us for more details.

Can I place an order through a representative/reseller?

Absolutely! Your regional sales representatives/resellers are here to help you with all your needs. Simply contact the sales representative/reseller in your region. If there is no representative/reseller for your region, please place your order directly with FUTEK.

What services does FUTEK offer?

FUTEK offers calibration services, including recalibration and repair. FUTEK also provides services for machining or strain gauge design.

What's the Quick Add feature in the cart?

The Quick Add allows users who know their Item Number (FSH, MCP, GOD) to quickly insert it into the cart without having to browse under our products and services page. This is ideal for repeat customers who order the same parts.

Who can I contact for a new quote?

You have the option of creating a quote online. Your account manager will contact you shortly to verify the details of your quote. If you want to get a quote over the phone or e-mail, contact us at:

Toll Free: (800) 23-FUTEK
Phone: (949) 465-0900
E-mail: futek@futek.com

Share the cart that you have built with your colleague.

Note: At your request, we will forward this mailing to your colleagues, but we will not use their e-mail addresses for any other purpose!

* Your name:

Your email address:

* Your friend's email address:

A note to your colleague:

Close

Save the cart that you have built in your account page.

"You must be logged in to be able to save the cart"

Close

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Use your order number and e-mail to track your shipment!

Email

Order #

Applications

- Dual Tank Level Controller
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- Tank Dispensing
- Tank/Silo/Hopper Measurement
- Torque Test Stand / Motor Test Stand
- Hydraulic / Pneumatic Press Force Verification / Calibration
- Wire/Fiber/Cable Tension Measurement
- Bolt Fastening
- Linear Test Stand
- Medical Bag Weighing

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ISO 17025



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