

Advanced Diploma of Industrial Automation (DIA)

Module 3: Control Valve Sizing, Selection and Maintenance Remote Lab Instructions: Mitech CVSize

Version 3

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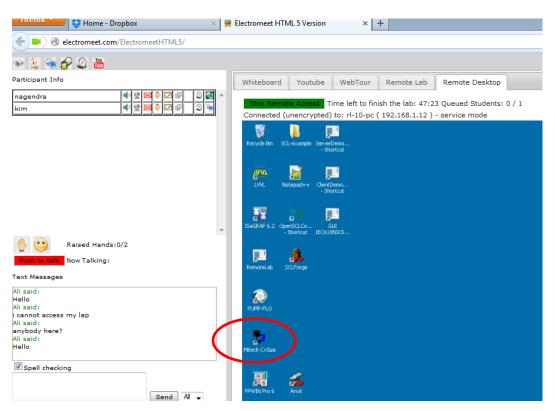
DIA MODULE 3 SOFTWARE INSTRUCTIONS Mitech CVSize

Preliminary instructions

Remote Labs <u>https://www.youtube.com/watch?v=U9zyrwramNo&list=UULo67YCh8z836Mgl8-3-Zfw</u> CVSize <u>https://www.youtube.com/watch?v=oLtCk0-6ePk</u> If you install the Mitech CVSize software on your computer, you can skip this step and continue with Exercise Setup.

If you are using Electromeet Remote Lab, follow the instructions below:

- 1. Logon to Electromeet (follow instructions on How to Connect to Electromeet Remote Labs)
 - **Open Remote Lab 8.** Mitech CVSize is installed on Remote Lab 8.
- 2. Open Mitech CVSize
 - The icon is located on the desktop



3. This software allows one to select the control valve size based on the required specifications and to prepare a quote for a customer. But in this exercise, you will use this software to select the correct valve size based on the given specifications.

EXERCISE SETUP

- 1. When you open the software, if the screen is similar to what is shown below, you need to create a fictitious customer. But if it already has a customer name, you can skip this step. Click on New Customers icon to create a customer name. You can give any name for the customer.
 - E.g. DIACustomer

Whiteboard	Youtube	WebTour	Remote Lab	Remote Desktop		
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Customer/Quote		Custo	mers			
🛃 Customers		C.A.				

2. Click on New Quote icon. Give a name for the quote e.g. M3quote1

i Mitech - CvSize v3.5 Heb Quote Manager				1720					
Customer/Quote	DIACustomer	Enquity	Project	Date	Quoted By	Contact	Tel	Fax	

3. Double click on Item button to enter the specifications.

Mitech - CvSize v3.5								
Help								
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Customer/Quote	DIACustomer - M	3Quote1						
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$ \longrightarrow $	1			Unselected	Globe	Unselected	Valve	

- 4. For each customer, you can create several items to enter the required specifications. Follow the instructions from your assignment to complete the exercise.
- 5. Once you complete the exercise you can delete the customer name so that the other students can follow the same instructions.

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